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A MODEL OF US ARMY MATERIEL COMMAND (AMC) ENERGY
CONSUMPTION VOLUME 2 INS. (U) CONSTRUCTION ENGINEERING
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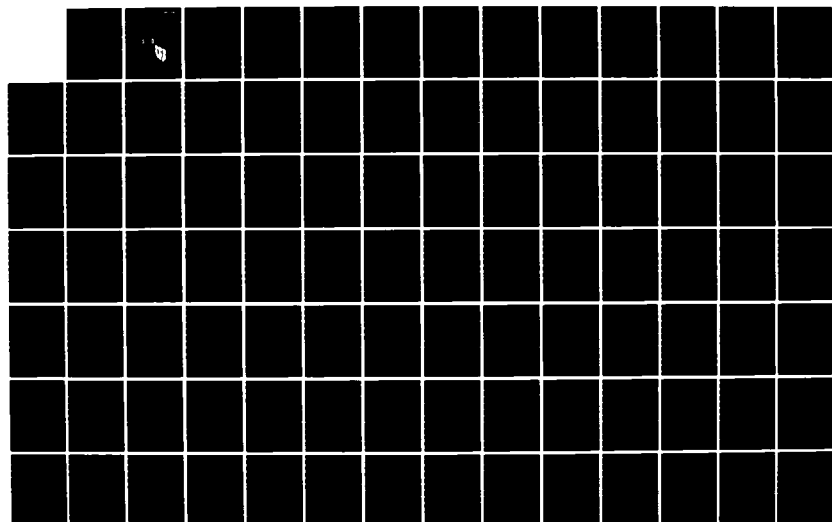
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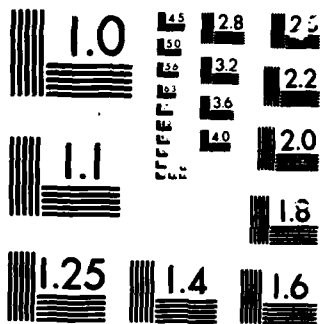
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DARCOM Energy System Modernization

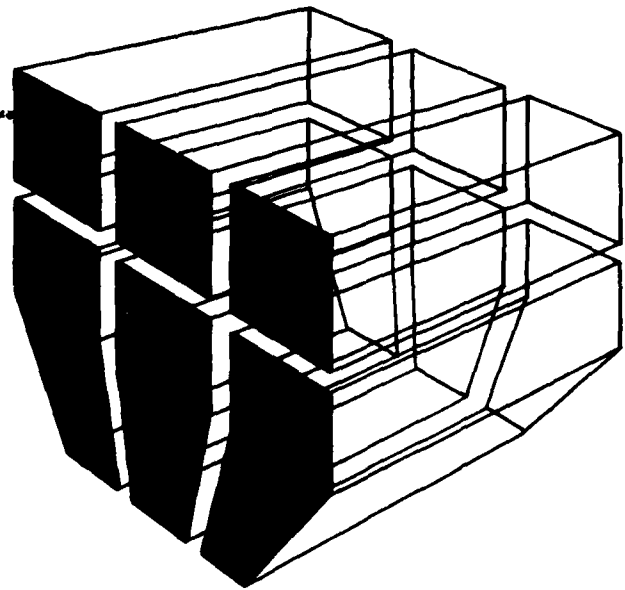
A Model of U.S. Army Materiel Command (AMC) Energy Consumption, Volume II : Installation Equations and Related Statistics

by
Ben J. Sliwinski

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This report provides equations and related statistics developed for Army Materiel Command (AMC) consumption of facility energy, heating fuel, electrical energy, and mobility fuel. The equations, which relate monthly energy consumption to weather and process parameters, were developed using multiple linear regression analysis.

Volume I of this report describes the development of the equations.



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FOREWORD

This work was performed for the Office of the Assistant Chief of Engineers (OACE) under Project 4A162781AT45, "Energy and Conservation"; Task B, "Installation Energy Conservation"; Work Unit 12, "DARCOM Energy System Modernization." The work was performed by the Energy Systems Division (ES) of the U.S. Army Construction Engineering Research Laboratory (USA-CERL). Mr. B. Wasserman (DAEN-ZCF-U) was the OACE Technical Monitor. Mr. R. G. Donaghy is Chief of USA-CERL-ES.

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COL Paul J. Theuer is Commander and Director of USA-CERL, and Dr. L. R. Shaffer is Technical Director.

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A MODEL OF U.S. ARMY MATERIEL COMMAND (AMC) ENERGY CONSUMPTION, VOLUME II: INSTALLATION EQUATIONS AND RELATED STATISTICS

1 INTRODUCTION

Background

The U.S. Army Construction Engineering Research Laboratory (USA-CERL) is developing a method that will allow the U.S. Army Materiel Command (AMC) to analyze AMC energy consumption. AMC will use this information to formulate and carry out energy conservation policies. In the developmental process, it became clear that a method was needed to evaluate impacts of the many parameters affecting AMC energy consumption (see Volume I).

Objective

The objective of this report is to develop a method of evaluating the impact of numerous parameters affecting AMC energy analysis; Volume II contains the raw data and the statistics associated with the regression equations used in the analysis; Volume I describes the development of regression equations used to analyze these data.

Approach

Data were gathered for various installations of AMC's major subcommands: the Armament Munitions and Chemical Command (AMMCOM) and the Depot Systems Command (DESCOM). Details on compiling these data are in Volume I.

Mode of Technology Transfer

The results of this study are being transferred by briefings given to the AMC Energy Office and through computer software which will be used by AMC, AMCCOM, and DESCOM Headquarters.

1 AMCCOM RESULTS

AMCCOM Monthly Equations

AMCCOM Installation Level Equations

monthly data

Installation: Lone Star AAP

MBTU: 45707.43 + 94.60 HDD

HTGMBTU: 27628.06 + 97.38 HDD

ELEC: 3554.66 + 7.74 CDD + 6.09 LBRFRC

MOGAS: no suitable equation

Inatallation: Longhorn AAP

MBTU: 20601.35 + 38.06 HDD + 28.16 LBRFRC
+ 0.110 WT2

HTGMBTU: 15884.25 + 34.03 HDD - 18.61 CDD
+ 24.88 LBRFRC

ELEC: 1910.72 + 11.01 CDD + 9.33 LBRFRC
+ 0.026 WT2 - 0.030 WT4

MOGAS: no suitable equation

Installation: Louisiana AAP

MBTU: -47322.54 + 43.02 HDD + 96.80 LBRFRC

HTGMBTU: -47371.37 + 42.80 HDD + 77.31 LBRFRC

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: McAlester AAP

MBTU: 16056.37 + 53.87 HDD

HTGMBTU: 2337.02 + 58.58 HDD

ELEC: 3586.42 + 3.16 HDD + 6.21 CDD - 0.214 NUM3
+ 0.0005 WT3 + 0.0013 WT4 + 0.035 DIRHR

MOGAS: no suitable equation

AMCCOM Installation Level Equations

monthly data

Installation: Milan AAP

MBTU: 7108.24 + 49.14 HDD + 0.0029 TOTWT

HTGMBTU: 8601.46 + 44.38 HDD

ELEC: 3136.23 + 5.16 HDD + 5.76 CDD + 4.31 LBRFRC

MOGAS: no suitable equation

Installation: Newport AAP

MBTU: 5329.82 + 17.06 HDD

HTGMBTU: 941.97 + 15.51 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Picatinny AAP

MBTU: 102880.77 + 91.58 HDD

HTGMBTU: 61068.51 + 97.27 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Pine Bluff Arsenal

MBTU: 29786.77 + 42.27 HDD

HTGMBTU: 17443.46 + 40.09 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

AMCCOM Installation Level Equations

monthly data

Installation: Radford AAP

MBTU: 32141.99 + 172.14 HDD + 19.37 ESBP
+ 75.63 LBRFRC

HTGMBTU: 125008.15 + 155.21 HDD + 22.09 ESBP

ELEC: -4063.19 + 4.16 LBRFRC

MOGAS: no suitable equation

Installation: Ravenna AAP

MBTU: -304.04 + 8.76 HDD + 26.75 LBRFRC

HTGMBTU: 2828.26 + 5.72 HDD - 13.69 CDD

ELEC: 1414.83 + 1.16 HDD + 6.53 LBRFRC

MOGAS: 121.57 + 0.218 HDD + 4.14 LBRFRC

Installation: Riverbank AAP

MBTU: -1106.77 + 57.99 LBRFRC

HTGMBTU: -2097.33 + 27.69 LBRFRC

ELEC: 15.58 + 30.23 LBRFRC + 8.13 UNITS

MOGAS: 3.19 + 0.843 LBRFRC

Installation: Rock Island Arsenal

MBTU: 91411.83 + 83.03 HDD

HTGMBTU: 36609.70 + 85.30 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

AMCCOM Installation Level Equations

monthly data

Installation: Sunflower AAP

MBTU: -41053.09 + 34.37 HDD + 158.57 LBRFRC

HTGMBTU: -39953.32 + 28.97 HDD + 125.87 LBRFRC

ELEC: -1458.15 + 5.24 HDD + 31.50 LBRFRC

MOGAS: no suitable equation

Installation: Twin Cities AAP

MBTU: 26201.40 + 39.50 HDD + 104.97 LBRFRC

HTGMBTU: 6253.72 + 38.14 HDD + 70.07 LBRFRC

ELEC: 20421.99 + 34.98 LBRFRC

MOGAS: 262.95 + 0.109 HDD + 0.271 LBRFRC

Installation: Volunteer AAP

MBTU: -88985.12 + 518.89 LBRFRC

HTGMBTU: -65925.86 + 21.77 HDD + 334.71 LBRFRC

ELEC: -13111.83 + 103.18 LBRFRC

MOGAS: 44.53 + 0.172 HDD + 2.34 LBRFRC

Installation: Watervliet Arsenal

MBTU: 43454.38 + 43.49 HDD

HTGMBTU: 7389.54 + 42.44 HDD

ELEC: no suitable equation

MOGAS: -4338.13 + 0.385 CDD + 8.17 LBRFRC
- 3.36 NUM1 + 0.0032 WT1 + 0.00090 WT3
- 0.0044 TOTHRs + 0.00043 TOTWT

AMCCOM Installation Level Equations

monthly data

Installation: Badger AAP

MBTU: $-39558.64 + 26.86 \text{ HDD} + 174.63 \text{ LBRFRC}$

HTGMBTU: $-38864.50 + 23.88 \text{ HDD} + 152.67 \text{ LBRFRC}$

ELEC: $-859.12 + 2.86 \text{ HDD} + 19.72 \text{ LBRFRC}$

MOGAS: $164.97 + 0.122 \text{ HDD} + 2.25 \text{ LBRFRC}$

Installation: Cornhusker AAP

MBTU: $943.69 + 4.19 \text{ HDD}$

HTGMBTU: $-40.95 + 3.86 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Holston AAP

MBTU: $-351917.27 + 87.36 \text{ HDD} + 602.57 \text{ LBRFRC}$

HTGMBTU: $-350273.68 + 82.22 \text{ HDD} + 552.79 \text{ LBRFRC}$

ELEC: $43627.86 + 4.43 \text{ HDD} + 3.60 \text{ TOTWT}$

MOGAS: no suitable equaiton

Installation: Indiana AAP

MBTU: $3526.20 + 38.32 \text{ HDD} + 8.20 \text{ LBRFRC}$

HTGMBTU: $-1118.64 + 35.14 \text{ HDD} + 3.38 \text{ UNITS}$

ELEC: no suitable equation

MOGAS: $643.38 + 0.34 \text{ HDD} + 1.00 \text{ LBRFRC}$

AMCCOM Installation Level Equations

monthly data

Installation: Iowa AAP

MBTU: 54103.09 + 98.61 HDD

HTGMBTU: 34484.58 + 97.12 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

Inatallation: Joliet AAP

MBTU: -82251.34 + 40.05 HDD + 307.54 LBRFRC

HTGMBTU: -69883.05 + 36.64 HDD + 235.16 LBRFRC

ELEC: -12268.04 + 72.80 LBRFRC

MOGAS: no suitable equation

Installation: Kansas AAP

MBTU: 11989.38 + 25.25 HDD

HTGMBTU: 4024.54 + 24.52 HDD

ELEC: no suitable equation

MOGAS: 1187.90 + 0.186 HDD + 2.49 NUM1

Installation: Lake City AAP

MBTU: 19256.70 + 55.48 HDD + 29.81 LBRFRC

HTGMBTU: 10904.20 + 55.90 HDD + 18.19 LBRFRC

ELEC: 1288.78 + 0.187 HDD + 1.32 ICDD
+ 0.010 TOTHR

MOGAS: no suitable equation

AMCCOM Quarterly Equations

AMCCOM Installation Level Equations

quarterly data

Installation: Badger AAP

MBTU: $-120269.43 + 27.92 \text{ HDD} + 522.74 \text{ LBRFRC}$

HTGMBTU: $-117511.18 + 24.67 \text{ HDD} + 456.29 \text{ LBRFRC}$

ELEC: $-3258.84 + 3.14 \text{ HDD} + 59.68 \text{ LBRFRC}$

MOGAS: $500.59 + 0.114 \text{ HDD} + 6.77 \text{ LBRFRC}$

Installation: Cornhusker AAP

MBTU: $2884.75 + 4.11 \text{ HDD}$

HTGMBTU: $-66.03 + 3.79 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Hawthorne AAP

MBTU: $-143001.40 + 55.05 \text{ HDD} + 282.71 \text{ LBRFRC}$

HTGMBTU: $-128536.87 + 50.93 \text{ HDD} + 203.20 \text{ LBRFRC}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Holston AAP

MBTU: $-1064762.67 + 85.43 \text{ HDD} + 1814.48 \text{ LBRFRC}$

HTGMBTU: $-1060076.49 + 80.63 \text{ HDD} + 1665.05 \text{ LBRFRC}$

ELEC: $136037.85 + 3.55 \text{ TOTWT}$

MOGAS: no suitable equaiton

AMCCOM Installation Level Equations

quarterly data

Installation: Indiana AAP

MBTU: 9714.43 + 38.58 HDD + 24.93 LBRFRC

HTGMBTU: -3961.62 + 35.53 HDD + 3.41 UNITS

ELEC: 17566.54 + 6.91 HDD + 18.59 CDD + 7.84 LBRFRC

MOGAS: 1763.87 + 0.427 HDD + 3.03 LBRFRC

Inatallation: Joliet AAP

MBTU: -243285.78 + 39.75 HDD + 916.83 LBRFRC

HTGMBTU: -206286.39 + 36.63 HDD + 698.90 LBRFRC

ELEC: -37269.43 + 219.38 LBRFRC

MOGAS: no suitable equation

Installation: Kansas AAP

MBTU: 35291.65 + 25.81 HDD

HTGMBTU: 11242.51 + 25.21 HDD

ELEC: no suitable equation

MOGAS: 3547.84 + 0.197 HDD + 2.50 NUM1

Installation: Lake City AAP

MBTU: 53701.07 + 55.20 HDD + 91.83 LBRFRC

HTGMBTU: 129275.70 + 42.23 HDD - 50.67 CDD + 0.358 ITEMS

ELEC: 675.80 + 0.308 HDD + 1.60 CDD + 3.477 LBRFRC
- 0.0074 BULLETS

MOGAS: no suitable equation

AMCCOM Installation Level Equations

quarterly data

Installation: Lone Star AAP

MBTU: -21534.68 + 101.04 HDD + 105.09 LBRFRC
- 10.90 WT1 + 25.92 WT2

HTGMBTU: 49925.60 + 103.97 HDD + 4.79 UNITS - 9.26 WT1

ELEC: 5919.60 + 4.36 HDD + 11.81 CDD + 18.10 LBRFRC

MOGAS: 1272.32 + 3.71 LBRFRC

Inatallation: Longhorn AAP

MBTU: 62793.21 + 42.00 HDD + 78.44 LBRFRC
+ 0.157 WT2

HTGMBTU: 82064.95 + 50.68 HDD + 0.117 NUM2

ELEC: 4714.30 + 10.69 CDD + 29.29 LBRFRC
+ 0.028 WT2 - 0.030 WT4

MOGAS: no suitable equation

Installation: Louisiana AAP

MBTU: -146369.01 + 46.16 HDD + 293.53 LBRFRC

HTGMBTU: -145703.29 + 45.39 HDD + 234.41 LBRFRC

ELEC: -18400.02 + 5.58 HDD + 7.39 CDD + 67.61 LBRFRC
- 1965.04 NUM1 + 20.83 WT1

MOGAS: no suitable equation

AMCCOM Installation Level Equations

quarterly data

Installation: McAlester AAP

MBTU: 48596.42 + 53.41 HDD

HTGMBTU: 6405.44 + 56.32 HDD

ELEC: 15905.08 + 3.42 HDD + 7.56 CDD - 0.308 NUM3
+ 0.0160 NUM4 - 0.1998 NUM5 + 0.0007 WT3

MOGAS: no suitable equation

Installation: Milan AAP

MBTU: 16692.47 + 46.40 HDD + 0.0034 TOTWT

HTGMBTU: -8988.03 + 44.61 HDD - 0.0216 NUM1 + 0.0032 WT1
+ 0.0080 WT4

ELEC: 17084.96 + 4.76 HDD + 5.49 CDD - 0.098 NUM2
+ 0.00014 WT1 + 0.00329 WT4

MOGAS: 8407.85 + 0.335 HDD - 0.0020 NUM4 + 0.0020 WT4

Installation: Newport AAP

MBTU: 17219.15 + 18.12 HDD

HTGMBTU: 1812.55 + 16.21 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Picatinny AAP

MBTU: 313147.13 + 88.28 HDD

HTGMBTU: 181465.58 + 96.69 HDD

ELEC: no suitable equation

MOGAS: no suitable equation

AMCCOM Installation Level Equations

quarterly data

Installation: Pine Bluff Arsenal

MBTU: 77746.28 + 49.05 HDD - 0.122 NUM4 + 0.0029 TOTWT

HTGMBTU: 39851.19 + 41.65 HDD + 0.133 NUM1

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Ravenna AAP

MBTU: -2420.27 + 9.07 HDD + 85.11 LBRFRC

HTGMBTU: 105.54 + 5.43 HDD - 18.92 CDD + 49.42 LBRFRC

ELEC: 3993.36 + 1.24 HDD + 20.22 LBRFRC

MOGAS: 305.56 + 0.244 HDD + 12.51 LBRFRC

Installation: Riverbank AAP

MBTU: -7158.94 + 188.59 LBRFRC

HTGMBTU: -8535.92 + 89.64 LBRFRC

ELEC: 1392.13 + 96.50 LBRFRC

MOGAS: -15.15 + 2.46 LBRFRC

Installation: Rock Island Arsenal

MBTU: 279574.85 + 79.85 HDD

HTGMBTU: 114160.99 + 82.72 HDD

ELEC: 11462.42 + 1.05 CDD + .00157 WEIGHT

MOGAS: no suitable equation

AMCCOM Installation Level Equations

quarterly data

Installation: Sunflower AAP

MBTU: $-125649.67 + 35.60 \text{ HDD} + 478.36 \text{ LBRFRC}$

HTGMBTU: $-121350.34 + 29.69 \text{ HDD} + 379.27 \text{ LBRFRC}$

ELEC: $-5280.20 + 5.69 \text{ HDD} + 95.43 \text{ LBRFRC}$

MOGAS: no suitable equation

Installation: Twin Cities AAP

MBTU: $76484.53 + 40.86 \text{ HDD} + 312.46 \text{ LBRFRC}$

HTGMBTU: $16953.87 + 39.44 \text{ HDD} + 207.29 \text{ LBRFRC}$

ELEC: $61067.98 + 105.42 \text{ LBRFRC}$

MOGAS: $804.66 + 0.102 \text{ HDD} + 0.812 \text{ LBRFRC}$

Installation: Volunteer AAP

MBTU: $-228056.31 + 1363.52 \text{ LBRFRC}$

HTGMBTU: $-186369.10 + 1033.63 \text{ LBRFRC}$

ELEC: $-41997.64 + 322.81 \text{ LBRFRC}$

MOGAS: $518.82 - 0.352 \text{ CDD} + 6.85 \text{ LBRFRC}$

Installation: Watervliet Arsenal

MBTU: $129153.94 + 44.74 \text{ HDD}$

HTGMBTU: $22299.63 + 43.30 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

AMCCOM Monthly Regression Results

PROCESS ENERGY ANALYSIS - BADGER AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.86508033		C(P) = 18.75332714			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	142197986008.64503000	71098993004.322500	298.15	0.0001		
ERROR	93	22177484803.85495400	238167578.536075				
TOTAL	95	164375470812.50000000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-39558.64102887					
MOD		26.86216534	2.74271157	22874473215.20289	95.92	0.0001	
LBRFRC		174.63458482	7.72482778	121874330294.41982	511.07	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.85781903		C(P) = 21.08586114			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	109240281234.20063000	54620140617.100318	280.55	0.0001		
ERROR	93	18106253391.63267600	194690896.684222				
TOTAL	95	127346534625.83332000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-38864.49616566					
MOD		23.87884841	2.47821105	18075729041.361348	92.84	0.0001	
99FRC		152.67228473	6.97986395	93147700868.931780	478.44	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.79295187		C(P) = 3.33835755			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	234846.81887160	891117423.40943580	178.09	0.0001		
ERROR	93	465351875.83717810	5001783.61115461				
TOTAL	95	2247586722.65603000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-859.11619109					
MOD		2.86139787	0.39729649	259552708.6683270	51.87	0.0001	
LBRFRC		19.71530678	1.11898276	1553312398.1092439	310.43	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.86653147		C(P) = 3.18324730			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	20506807.76736628	10253403.88368314	301.90	0.0001		
ERROR	93	3158585.22221705	33963.28195932				
TOTAL	95	23665392.98958334					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		164.37132788					
MOD		0.12191906	0.03273183	471207.56282187	13.87	0.0003	
LBRFRC		2.24699331	0.09218897	20176939.43112683	594.08	0.0001	

PROCESS ENERGY ANALYSIS - CORNHUSKER AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.90175156		CIP) = 21.82666134	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	437567686.31362748	437567686.31362748	862.76	0.0001
ERROR	94	47674264.17595589	507173.02314847		
TOTAL	95	485241950.48958330			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	943.68572819				
HUD	4.18936382	0.14262759	437567686.31362741	862.76	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.91775653		CIP) = 4.70655797	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	372112104.69504350	372112104.69504350	1048.95	0.0001
ERROR	94	33346305.29151981	354747.92866532		
TOTAL	95	405458409.98958336			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	-40.94591123				
HUD	3.86333488	0.11928488	372112104.69504350	1048.95	0.0001

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PROCESS ENERGY ANALYSIS - HOLSTON AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.96580779		C(P) = 22.93875312			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	1488529399236.69500000	744264699618.34750	1101.61	0.0001		
ERROR	78	52697975511.47766700	675615070.65997				
TOTAL	80	1541227374748.17280000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	-351917	26755347					
HDD	87.35946777		8.11696217	78258624657.0050	115.83	0.0001	
LBRFRC	602.56638692		13.32291661	1382007858881.4992	2045.56	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.96505342		C(P) = 15.14425141			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	1256762271955.37300000	628381135977.68650	1076.99	0.0001		
ERROR	78	45509966343.87390400	583461107.03684				
TOTAL	80	1302272238304.24700000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	-350273	68270393					
HDD	82.21517422		7.54309938	69313242392.8923	118.80	0.0001	
LBRFRC	552.78555138		12.38099651	1163092018172.8556	1993.44	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELLC

		R SQUARE = 0.89417757		C(P) = 7.27323993			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	10102184882.29826100	5051092441.1491300	329.54	0.0001		
ERROR	78	1195554256.17088470	15327618.6688575				
TOTAL	80	11297739138.46914600					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	43627	85872174					
HDD	4.43330862		1.22135197	201292579.9743698	1.17.13	0.0005	
TOTWT	3.59765977		0.14283056	9724618831.0142210	634.45	0.0001	

PROCESS ENERGY ANALYSIS - INDIANA AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.9097982		C(P) = 12.87743320			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	33578748349.17197800	16789374174.585988	468.68	0.0001		
ERROR	93	3331528175.32802050	35822883.605678				
TOTAL	95	36910276524.50000000					
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F		
INTERCEPT	3526.20183486						
HDD	38.31870120	1.31308061	30506987849.516732	851.61	0.0001		
LHRFC	8.20414770	1.05307277	2174256204.631920	60.69	0.0001		

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTOMBTU

		R SQUARE = 0.91538682		C(P) = 10.32765141			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	26680920166.46602900	13340460083.233014	503.06	0.0001		
ERROR	93	2466233299.15897000	26518637.625365				
TOTAL	95	29147153465.62500000					
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F		
INTERCEPT	-1118.63796533						
HDD	35.14415686	1.12835380	25725680856.633618	970.10	0.0001		
UNITS	3.37834463	0.56970347	932526911.739626	35.16	0.0001		

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.72641061		C(P) = 2.44638623			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	35786112.52928750	17893056.26464375	123.46	0.0001		
ERROR	93	13478190.96029587	144926.78451931				
TOTAL	95	49264303.48958337					
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F		
INTERCEPT	643.38411145						
HDD	0.34350063	0.08151901	2451505.30239498	16.92	0.0001		
RFRC	1.00081090	0.06078111	32355478.89761769	223.25	0.0001		

PROCESS ENERGY ANALYSIS - IOWA AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.84393495		C(P) = 55.09243699	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	240654784821.60906000	240654784821.60906	508.31	0.0001
ERROR	94	44503193562.22426600	473438229.38538		
TOTAL	95	285157978383.83333000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	54103.09203014				
HDD	98.61000108	4.37376429	240654784821.60908	508.31	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.86574818		C(P) = 38.24841101	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	233450164484.52833000	233450164484.52833	606.18	0.0001
ERROR	94	36201185632.05170900	385118996.08568		
TOTAL	95	269651350116.58004000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	34484.57858848				
HDD	97.12271296	3.94476543	233450164484.52833	606.18	0.0001

PROCESS ENERGY ANALYSIS - JUNE 1977 AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.89288649		CIP1 = 8.75222744			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	625301286760.04090000	312650643380.02048	387.62	0.0001		
ERROR	93	75013136334.86526000	806592863.81576				
TOTAL	95	700314423094.90620000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-82251.33956028					
MOD		40.04902739	5.80570254	38382102532.71292	47.59	0.0001	
LBRFRC		307.53707596	11.40361188	586630287438.08420	727.29	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.85709095		CIP1 = 8.10130719			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	375321418741.59309000	187660709370.79653	278.88	0.0001		
ERROR	93	62580085996.24024600	672904150.49721				
TOTAL	95	437901504737.83333000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-69883.04974928					
MOD		36.63849962	5.30278717	32123301603.49473	47.74	0.0001	
LBRFRC		245.15803329	10.41578109	342335081690.43233	509.73	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.97263102		CIP1 = 14.26279792			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	32868546182.94099900	32868546182.940999	1301.30	0.0001		
ERROR	94	2374272874.39233400	25258222.068004				
TOTAL	95	35242819057.33333300					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-12268.04337923					
LBRFRC		72.79562634	2.01797800	32868546182.940999	1301.30	0.0001	

PROCESS ENERGY ANALYSIS - KANSAS AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.73113483		C(P) = 158.59479185	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	10642376730.12310400	10642376730.123104	255.62	0.0001
ERROR	94	3913593283.21022960	41633971.097981		
TOTAL	95	14555970013.33333300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	11989.37985270				
MOD	25.24690888	1.57911157	10642376730.123104	255.62	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGM8TU

		R SQUARE = 0.77502635		C(P) = 105.54978964	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	10041183789.14359900	10041183789.143599	323.83	0.0001
ERROR	94	2914741904.68973420	31007892.603082		
TOTAL	95	12955925693.83333300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	4024.53922988				
MOD	24.52343809	1.36277772	10041183789.143599	323.83	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.69175604		C(P) = 8.31002303	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	11766586.06947922	5883293.03473961	104.35	0.0001
ERROR	93	5243147.58677078	56377.93104055		
TOTAL	95	17009733.65625000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	1187.90171712				
MOD	0.18556624	0.05811603	574797.94623435	10.20	0.0019
MOD1	2.48930249	0.17732401	11110395.34674368	197.07	0.0001

PROCESS ENERGY ANALYSIS - LAKE CITY AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MRTU

		R SQUARE = 0.87197364		C(P) = 19.18048909	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	58538830219.38413500	29269415109.692067	275.85	0.0001
ERROR	81	8594653936.61586400	106106838.723653		
TOTAL	83	67133484156.00000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		19256.70015210			
HDD		55.48178477	2.41940317	55799168917.300560	525.88
CBRFKC		29.81417878	4.61443159	4429479157.813275	41.75
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.86918264		C(P) = 31.99375968	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	57339831714.60817900	28669915857.304089	269.09	0.0001
ERROR	81	8629999386.68782600	106543202.304788		
TOTAL	83	65969831101.29600500			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		10904.19984979			
HDD		55.90384693	2.42437298	56651351157.680635	531.72
CBRFKC		18.19117809	4.62391022	1649030208.443242	15.48
					0.0002

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.65319574		C(P) = 14.46444165	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	6753480.18036330	2251160.06012110	50.23	0.0001
ERROR	80	3585656.71249389	44820.70890617		
TOTAL	83	10339136.89285719			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		1288.78319354			
HDD		0.18678928	0.06749905	343231.62788568	7.66
CDD		1.31959915	0.19857007	1979407.41651224	44.18
TOTHR5		0.00998236	0.00097478	4700395.41053952	104.87
					0.0001

PROCESS ENERGY ANALYSIS - LONE STAR AAP
(MONTHLY DATA)

MAXIMUM R SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.64515120		CIP = 174.89798566			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	1	50670312274.60251000	50670312274.602510	170.90	0.0001		
ERROR	94	27869899553.63708300	296488293.123799				
TOTAL	95	78540211828.23958000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		45707.43312568					
MOO		94.60474416	7.23668885	50670312274.602509	170.90	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.68929279		CIP = 125.96141325			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	1	53683469613.81035200	53683469613.810352	208.54	0.0001		
ERROR	94	24198485008.09589700	257430691.575488				
TOTAL	95	77881954621.90625000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		27628.06365157					
MOO		97.37700516	6.74320382	53683469613.810351	208.54	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.70459993		CIP = 12.35142686			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	2	518247564.89582760	259123782.44791382	110.91	0.0001		
ERROR	93	217272757.59375628	2336266.21068555				
TOTAL	95	735520322.48958390					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		3554.66492910					
CDD		7.74361280	0.74006475	255742100.09923151	109.48	0.0001	
LBRC		6.09203225	0.54277465	291111746.46485893	125.98	0.0001	

PROCESS ENERGY ANALYSIS - LONGHORN AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

R SQUARE = 0.8101000 CIP1 = 4.94165720

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	107439272.12	3581309070	8008702	0.0001
ERROR	91	2513039687	27615820	7423658	
TOTAL	94	13256966899	95790100		

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	20601.35047314				
HDD	38.05864286	2.22559501	8075553044	5847400	0.0001
LBRFRC	28.16079201	4.71486398	985165847	8592236	0.0001
WT2	0.10971270	0.03007620	367473355	4816451	0.0004

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

R SQUARE = 0.8503698 CIP1 = 4.83400938

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	13383272085	20454600	4461090695	0681819
ERROR	91	2354903448	33230290	25873059	8717835
TOTAL	94	15738175533	53684900		

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	15884.25117535				
HDD	34.02980862	3.09853132	3121321678	4264394	120.62
CDD	-18.60761903	3.60800692	688301317	7264980	26.60
LBRFRC	24.87653522	4.25451108	884732906	2963825	34.19

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

R SQUARE = 0.83457182 CIP1 = 20.85891550

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	4	731348576	19286210	182817144	04966554
ERROR	90	144967347	42239052	1610748	30469723
TOTAL	94	876315923	62105270		

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	1910.72284371				
CDD	11.00655024	0.62761962	495173440	10950000	107.55
LBRFRC	9.33360144	1.17622446	101425177	37906931	62.97
WT2	0.02596202	0.00744735	19574980	98501867	12.15
WT4	-0.03049649	0.00928508	17376271	72465748	10.79

PROCESS ENERGY ANALYSIS - LOUISIANA AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.80355526		CIP1 = 30.93777057			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	16696246728.73113100		8348123364.3655650	190.21	0.0001	
ERROR	93	4081722755.89786770		43889491.9988588			
TOTAL	95	20777969484.62500000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-47322.54086009					
HDD		43.02027374	2.78894946	10443007839.930454	237.94	0.0001	
LDRFC		96.80422193	7.55894827	7138241365.305522	164.01	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.79678211		CIP1 = 55.89952357			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	14180765765.09852600		7090382882.5492630	182.32	0.0001	
ERROR	93	3616779672.14105740		38890104.0015167			
TOTAL	95	17797545437.23958300					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-47371.36636806					
HDD		42.80364551	2.62530593	10338101276.167262	265.83	0.0001	
DRFC		77.30540389	7.11542177	4590473817.630426	118.04	0.0001	

PROCESS ENERGY ANALYSIS - MCALESTER AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.87946880		CIP1 = 2.39701827			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	32179398887	65554800	32179398887	655548	685.88	0.0001
ERROR	94	4410186682	82450860	46916879	604516		
TOTAL	95	36589585570	48005600				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	16056.37044569						
HDD	53.87106972	2.05698514	32179398887	655547	685.88	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.90227721		CIP1 = 1.70533589			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	18635270018	62147900	18635270018	621479	433.95	0.0001
ERROR	47	2018326410	15403050	42943115	109660		
TOTAL	48	20653596428	77551000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	2337.01822489						
HDD	58.58043259	2.81210440	18635270018	621479	433.95	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.76992752		CIP1 = 20.82533399			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	6	79038562	03358941	13171093	67226111	23.43	0.0001
ERROR	42	23618584	49702288	562347	24992312		
TOTAL	48	102657146	53061228				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	3586.41610871						
HDD	3.16062954	0.51151461	21170179	69417053	38.19	0.0001	
CDD	6.21064663	0.74033163	39575426	53899710	70.78	0.0001	
NUM3	0.21387029	0.07836515	4188509	37418513	7.45	0.0092	
WT3	0.00045548	0.00017851	6030897	01265740	10.81	0.0020	
WT4	0.00130486	0.00056983	2948781	66104845	5.24	0.0271	
DIRHR	0.03510545	0.00915609	8266727	89364573	14.70	0.0004	

PROCESS ENERGY ANALYSIS MILAN AMP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MATH

R SQUARE = 0.91162527 C/P1 = 46.93327013					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	29483997564.44403700	14741998782.222018	412.62	0.0001
ERROR	80	2858236030.78489010	35727950.304811		
TOTAL	82	32342233595.22892700			
B VALUE STD ERROR TYPE II SS F PROB>F					
INTERCEPT	7108.24400221				
HDD	49.13937212	1.88886733	24180451043.773295	676.79	0.0001
TOTWT	0.00289390	0.00029041	3547759134.857888	99.30	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

R SQUARE = 0.80655292 C/P1 = 116.92727351					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	21603211042.43614100	21603211042.436141	337.75	0.0001
ERROR	93	5181406074.44806900	55714043.811270		
TOTAL	94	26784617116.88421000			
B VALUE STD ERROR TYPE II SS F PROB>F					
INTERCEPT	8601.46260510				
HDD	44.38115320	2.2533344	21603211042.436140	337.75	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

R SQUARE = 0.86467984 C/P1 = 50.30717285					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	796204819.53818380	265401606.51272795	193.87	0.0001
ERROR	91	124603999.68286922	1369274.72178977		
TOTAL	94	920808819.22105310			
B VALUE STD ERROR TYPE II SS F PROB>F					
INTERCEPT	3136.23234020				
HDD	5.15970007	0.50247923	144378750.26744811	105.44	0.0001
CDD	5.75966257	1.01576864	44024564.34345874	72.15	0.0001
LBRFRC	4.31405215	0.19721424	655216538.44588220	478.51	0.0001

PROJECT'S ENERGY ANALYSIS NEWPORT AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.92769889		CIP1 = 25.53104118.	
	DF	SUM OF SQUARES		MEAN SQUARE	PROB>F
REGRESSION	1	5516437900	18316900	5516437900 1831690	992.69 0.0001
ERROR	82	455679188	10254540	5557063.2695432	
TOTAL	83	5972117088	28571500		
		B VALUE	STD ERROR	TYPE II SS	PROB>F
INTERCEPT	5329.81987481				
MO	17.06145611	0.54151764	5516437900 1831690	992.69 0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTCMBTU

		R SQUARE = 0.89275353		CIP1 = 38.32410416	
	DF	SUM OF SQUARES		MEAN SQUARE	PROB>F
REGRESSION	1	5010202737	85751500	5010202737 8575160	742.49 0.0001
ERROR	94	601875601	13206590	6402931.9269369	
TOTAL	95	5612078338	98958300		
		B VALUE	STD ERROR	TYPE II SS	PROB>F
INTERCEPT	941.97128981				
MO	15.50944250	0.55444437	5010202737 8575160	742.49 0.0001	

PROCESS ENERGY ANALYSIS - PICATINNY ARSENAL
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.78390059		C(P) = 2.39507986			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	124125846596.94834000	124125846596.94834	282.94	0.0001		
ERROR	78	34218015123.39710200	438692501.58201				
TOTAL	79	158343861720.34545000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	102880.76807109						
HDD	91.57529622	5.44411544	124125846596.94834	282.94	0.0001		

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.76416447		C(P) = 17.46223133			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	140056938252.90103000	140056938252.90103	252.74	0.0001		
ERROR	78	43224206431.91775500	554156492.71729				
TOTAL	79	183281144684.81878500					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	61068.50867147						
HDD	97.27461809	6.11876020	140056938252.90103	252.74	0.0001		

PROCESS ENERGY ANALYSIS - PINE BLUFF ARSENAL
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.69718148		C(P) = 11.22167967			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	1	15547140248.72337200		15547140248.723372	214.11	0.0001	
ERROR	93	6752850021.00294500		72611290.548419			
TOTAL	94	22299990269.72631800					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		29786.76761019					
MOD		42.26824159	2.88862390	15547140248.723371	214.11	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE BTOMBTU

		R SQUARE = 0.71091676		C(P) = 40.15964537			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	1	13986900059.68973800		13986900059.689738	228.71	0.0001	
ERROR	93	5687566328.66815600		61156627.180980			
TOTAL	94	19674466388.35789400					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		17443.45934699					
MOD		40.09125567	2.65100585	13986900059.689737	228.71	0.0001	

PROCESS ENERGY ANALYSIS - RADFORD AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

R SQUARE = 0.87121501 C(P) = 3.80101931					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	645110870829.85030000	215036956943.28344	207.46	0.0001
ERROR	92	95361761718.88938000	1036540888.24880		
TOTAL	95	740472632548.73970000			
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	32141.98503476				
HDD	172.13566008	9.07415981	373005546591.76197	359.86	0.0001
ESBP	19.36579685	4.03874693	23832187044.59857	22.99	0.0001
LBRFRC	75.83006738	15.51240978	24638848208.51310	23.77	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTHBTU

R SQUARE = 0.83886491 C(P) = 3.98796487					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	403467359713.29261000	201733679856.84630	242.08	0.0001
ERROR	93	77500856973.85728000	833342548.10599		
TOTAL	95	480988216687.14990000			
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	125008.14648626				
HDD	155.21346783	8.12324937	304244537571.08851	365.09	0.0001
ESBP	22.09479338	2.22295469	82326987847.89646	98.79	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE TOTELE

R SQUARE = 0.75855205 C(P) = 33.66918900					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	199208546.11706666	199208546.11706666	295.32	0.0001
ERROR	94	63408297.21626730	674556.35336455		
TOTAL	95	262616843.33333396			
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	-4063.18979439				
LBRFRC	4.16298496	0.24224788	199208546.11706666	295.32	0.0001

PROCESS ENERGY ANALYSIS - HAVENNA AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.87656708		C(P) = 27.04522641			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	1583997758	62322890	791998879	31161440	330.22	0.0001
ERROR	93	223049074	61635503	2398377	14641242		
TOTAL	95	1807046833	23958390				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-304.03725138					
HDD		8.75537180	0.34143595	1577059863	0064624	657.55	0.0001
LBRFRC		26.74577291	4.30497588	92573426	2168950	38.60	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHMBTU

		R SQUARE = 0.87462257		C(P) = 31.23269597			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	1123530071	86096470	561765035	93048230	324.38	0.0001
ERROR	93	161058399	97236862	1731810	75239106		
TOTAL	95	1284588471	83333330				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		2828.26307850					
HDD		5.72176906	0.41724375	325672733	26944082	188.05	0.0001
DD		-13.69033374	2.91842749	38109275	03943255	22.01	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.63479086		C(P) = 2.58900775			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	29906730	42878860	14953365	21439430	80.82	0.0001
ERROR	93	17205999	57121140	185010	74807754		
TOTAL	95	47112730	00000000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		1414.82663252					
HDD		1.16322491	0.09183071	2737253	20611224	150.46	0.0001
LBRFRC		6.53175603	1.19566761	5521231	30751312	29.84	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MMBAS

		R SQUARE = 0.62204035		C(P) = 2.16845586			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	2763049	72483447	1381524	86241724	75.57	0.0001
ERROR	93	1678864	26474886	18052	30392203		
TOTAL	95	4441913	98958334				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		121.57356421					
HDD		0.21768197	0.02962217	974863	70088060	54.00	0.0001
LBRFRC		4.14433095	0.37348942	2222720	68069504	123.13	0.0001

PROCESS ENERGY ANALYSIS - RIVERBANK AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.77286987		CIP1 = 8.47685224	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	7512434868.22070200	7512434868.2207020	146.32	0.0001
ERROR	43	2207745875.69040880	51342927.3416374		
TOTAL	44	9720180743.91111100			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	-1106.76541115				
LBRFRC	57.98833582	4.79391797	7512434868.2207020	146.32	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE BTOMBTU

		R SQUARE = 0.78649254		CIP1 = 2.38778163	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	1713198771.82343140	1713198771.8234314	158.40	0.0001
ERROR	43	465078434.62101290	10815777.5493259		
TOTAL	44	2178277206.44444440			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	-2097.33306538				
LBRFRC	27.69198978	2.20028612	1713198771.8234314	158.40	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.78532518		CIP1 = 10.22449896	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	2149013744.45784100	1074506872.2289205	76.82	0.0001
ERROR	42	587449806.78660330	13986900.1615858		
TOTAL	44	2736463551.24444440			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	15.57581974				
LBRFRC	30.22527472	2.51002675	2028174364.0322870	145.01	0.0001
UNITS	8.12610078	2.09214506	211009639.9441841	15.09	0.0004

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.81503894		CIP1 = 0.00302596	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	1589440.04282427	1589440.04282427	189.48	0.0001
ERROR	43	360699.95717573	8388.37109711		
TOTAL	44	1950140.00000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	3.19075490				
LBRFRC	0.84347528	0.06127582	1589440.04282427	189.48	0.0001

PROCESS ENERGY ANALYSIS - ROCK ISLAND ARSENAL
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.90171059		C(P) = 37.01789102	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	184155377190.47935000	184155377190.47935	862.36	0.0001
ERROR	94	20073538811.29871800	213548285.22658		
TOTAL	95	204228916001.77807000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		91411.83029519			PROB>F
HDD		83.02934721	2.82740138	184155377190.47935	862.36
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HCOMBTU

		R SQUARE = 0.91172369		C(P) = 51.13500012	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	194343927018.67708000	194343927018.67708	970.84	0.0001
ERROR	94	18817065386.95303200	200181546.66971		
TOTAL	95	213160992405.63012000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		36609.70448937			PROB>F
HDD		85.29528214	2.73748307	194343927018.67708	970.84
					0.0001

PROCESS ENERGY ANALYSIS - SUNFLOWER AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.70907313		C(P) = 10.69571790			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	69518316162.64463000		34759158081.322319		113.33	0.0001
ERROR	93	28522793009.31370500		306696699.024879			
TOTAL	95	98041109171.95833000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		-41053.09112378					
HDD		34.36803841	4.31040355	13407670607.239643		63.57	0.0001
LBRFC		158.57306926	11.70538090	56245543672.473998		183.52	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTGMBTU

		R SQUARE = 0.67118960		C(P) = 8.95357611			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	45108310854.54304700		22554155427.271523		94.92	0.0001
ERROR	93	22098199424.44653600		237615047.574694			
TOTAL	95	67206510278.98958300					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		-39953.32294894					
HDD		28.97078648	3.79402642	13454594199.257380		58.31	0.0001
LBRFC		125.86620501	10.30310129	35161432615.434835		149.24	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE FEEC

		R SQUARE = 0.73509003		C(P) = 16.84105114			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	2489186415.23165920		1244593207.6158296		129.03	0.0001
ERROR	93	897046978.60167460		9645666.4065771			
TOTAL	95	3386233393.83333390					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		-1458.15401472					
HDD		5.24253167	0.76441553	453685985.8063533		47.04	0.0001
LBRFC		31.49961191	2.07585550	2220999225.0849247		230.26	0.0001

PROCESS ENERGY ANALYSIS - TWIN CITIES AAP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUTU

		R SQUARE = 0.95284425		C(P) = 15.12927948			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	156563116395.89870000	78281558197.949350	939.39	0.0001		
ERROR	93	7748225255.84087300	83314250.062805				
TOTAL	95	164311341651.73958000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		26201.39531798					
HDD		39.50362977	1.56771809	52900204703.970903	634.95	0.0001	
LBRFRC		104.96589677	3.32123512	83217849055.751260	998.84	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HEIGHTU

		R SQUARE = 0.93674203		C(P) = 14.32985835			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	99540681953.86843000	49770340976.934219	688.59	0.0001		
ERROR	93	6721959445.08990200	72279133.818171				
TOTAL	95	106262641398.95833000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		6253.72462050					
HDD		38.13815462	1.46020824	49306332286.142608	682.17	0.0001	
LBRFRC		70.06862324	3.09347383	37082347021.027441	513.04	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.81467467		C(P) = 20.30525027			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	9408972694.50541500	9408972694.5054150	413.11	0.0001		
ERROR	94	2140957050.82792680	22776138.8385950				
TOTAL	95	11549929745.33334300					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		20421.99305004					
LBRFRC		74.98054587	1.72105809	9408972694.5054150	413.11	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MOGAS

		R SQUARE = 0.66219241		C(P) = 2.31303393			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	1105207.03470880	552603.51735445	91.27	0.0001		
ERROR	93	563049.12154110	6054.29162947				
TOTAL	95	1668256.15625000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		262.95469242					
HDD		0.10921297	0.01336411	404326.10993024	66.78	0.0001	
LBRFRC		0.27110254	0.02831207	555120.44243295	91.69	0.0001	

PROCESS ENERGY ANALYSIS - VOLUNTARY APP
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.91951715		C(P) = 34.74718501			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	1	353306454014.64441000	353306454014.64441	936.85	0.0001		
ERROR	82	30923957075.16509400	377121427.74592				
TOTAL	83	384230411089.80951000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		-88985.11870391					
LBRFRC		518.89047640	16.95276411	353306454014.64441	936.85	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHMBTU

		R SQUARE = 0.84930864		C(P) = 3.74632507			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	2	276558216049.93140000	138279108024.96569	262.08	0.0001		
ERROR	93	49069246627.70817900	527626307.82052				
TOTAL	95	325627462677.23958000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		-65925.85648382					
HDD		21.76621198	7.30646517	4682497064.65225	8.87	0.0037	
LBRFRC		334.71324218	15.16743167	256949712921.01957	466.99	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.87116898		C(P) = 10.24865353			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	1	24894642474.85806000	24894642474.858060	675.64	0.0001		
ERROR	94	3681492654.10027290	39164815.469152				
TOTAL	95	28576135128.95833000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		13111.82560401					
LBRFRC		103.17882065	4.09247142	24894642474.858060	675.64	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.82574204		C(P) = 2.05216131			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB > F		
REGRESSION	2	13697080.05183903	6848540.02591952	220.35	0.0001		
ERROR	93	2889677.57716097	31071.80186195				
TOTAL	95	16582757.62900000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB > F	
INTERCEPT		44.52673181					
DD		0.17232540	0.05606958	297501.53231948	9.45	0.0023	
LBRFRC		2.34419742	0.11649439	12603486.95745944	405.62	0.0001	

PROCESS ENERGY ANALYSIS WATERVLIET ARSENAL
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.86453069		CIP1 = 20.78445115			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	43004758415	37383800	43004758415	373838	599.88	0.0001
ERROR	94	6714713886	25116100	71688445	598417		
TOTAL	95	49743472301	62500000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	43454	38154047					
HDD	43	48559900	1.77546364	43004758415	373837	599.88	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.96808553		CIP1 = 17.41004165			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	12750380052	42114100	12750380052	421141	758.34	0.0001
ERROR	25	420336488	09737741	16813459	523895		
TOTAL	26	13170716540	51851900				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	7389	53928295					
HDD	42	44128699	1.54118765	12750380052	421141	758.34	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MCGAS

		R SQUARE = 0.72167966		CIP1 = 1.99815712			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	7	121031	66586727	17290	23798047	1.01	0.0007
ERROR	19	46676	63047303	2456	66475963		
TOTAL	26	167708	29629670				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	-4338	12847244					
CDD	0	38527331	0.21494896	7889	53520559	1.21	0.0491
LBRFRG	8	16987977	2.17643634	34616	67023470	11.09	0.0013
NUM1	-3	36281557	1.38194186	14546	96696246	5.92	0.0250
1	0	00324843	0.00279984	4501	19921556	1.83	0.1317
73	0	00090060	0.00041248	11711	43861043	1.77	0.0418
TOTHR5	-0	00444352	0.00119959	11707	96532737	11.72	0.0015
TOTWT	0	00042704	0.00011326	34921	49212755	11.22	0.0013

AMCCOM Quarterly Regression Results

PROCESS ENERGY ANALYSIS - HATCH AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.88228675		CIP1 = 7.78384312			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	404980649056.69042000		202490324528.34521		108.68	0.0001
ERROR	29	54031851713.18456600		1863167300.45464			
TOTAL	31	459012500769.87500000					
		B VALUE		STD ERROR		TYPE II SS	F
INTERCEPT		-120269.43432358					PROB>F
HDD		27.92020027		4.95103181		59251244732.68405	31.80
LBRFRC		522.74011161		38.18803762		349115251968.52881	187.38

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTGMBTU

		R SQUARE = 0.87637006		CIP1 = 8.99320559			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	309645622767.48213000		154822811383.74105		102.79	0.0001
ERROR	29	43681853858.39285700		1506270822.70320			
TOTAL	31	353327476625.87500000					
		B VALUE		STD ERROR		TYPE II SS	F
INTERCEPT		-117511.18204955					PROB>F
HDD		24.67149397		4.45165318		46264866938.06470	30.71
LBRFRC		458.28506386		34.33625668		265992673983.45656	176.59

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.83060012		CIP1 = 2.04143054			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	5254497845.58461400		2627248922.7923073		71.10	0.0001
ERROR	29	1071648430.41538450		36953394.1522546			
TOTAL	31	6326146276.00000000					
		B VALUE		STD ERROR		TYPE II SS	F
INTERCEPT		-3258.84388647					PROB>F
HDD		3.13456697		0.69726354		746819287.8232619	20.21
LBRFRC		59.68403704		5.37809640		4551070387.4118930	123.16

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MOGAS

		R SQUARE = 0.93772623		CIP1 = 1.57573004			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	59390273.51531181		29695136.76765691		218.34	0.0001
ERROR	29	3944067.96168618		136002.34360987			
TOTAL	31	63334341.50000000					
		B VALUE		STD ERROR		TYPE II SS	F
INTERCEPT		500.59161246					PROB>F
HDD		0.11413934		0.04230026		990218.63832633	7.28
LBRFRC		6.77101070		0.32626310		58573903.95991083	470.68

PROCESS ENERGY ANALYSIS - CORNHUSKER AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.90819036		C(P) = 7.40710320	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	1015182201.14149990	1015182201.1414999	296.76	0.0001
ERROR	30	102625527.32724999	3420850.9109083		
TOTAL	31	1117807728.46875000			
		B VALUE	STD ERROR	TYPE II SS	PROB>F
INTERCEPT		2884.74578712			
HDD		4.11296760	0.23875384	1015182201.1414999	296.76 0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE H10MBTU

		R SQUARE = 0.92845285		C(P) = 0.76456554	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	860200662.44856190	860200662.44856190	389.30	0.0001
ERROR	30	66287591.77018805	2209586.39237950		
TOTAL	31	926488254.21875000			
		B VALUE	STD ERROR	TYPE II SS	PROB>F
INTERCEPT		-66.02939461			
HDD		3.78602239	0.19188401	860200662.44856190	389.30 0.0001

PROCESS ENERGY ANALYSIS - HAWTHORNE AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.91354643		C(P) = 2.40350527			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	36606957283	26985600	18303478641	634927	89.82	0.0001
ERROR	17	3464303445	53014590	203782555	619420		
TOTAL	19	40071260728	80000700				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	-143001.39888141						
HDD	55.04956876	4.10806548	36593178250	165718		179.57	0.0001
LBRFRC	282.70980172	65.35935305	3812705377	239594		18.71	0.0005

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.93247700		C(P) = 1.74585375			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	31418808669.09189000		15709404334.545945		117.38	0.0001
ERROR	17	2275114671.90810910		133830274.818124			
TOTAL	19	33693923341.00000000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	-128536.87194189						
HDD	50.92887419	3.32913219	31319905333.444087	234.03		14.72	0.0001
LBRFRC	203.19618223	52.96651848	1969620712.899680	14.72			

PROCESS ENERGY ANALYSIS HOUSTON AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.93270725		CIP1 = 16.57352029			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	4490350072609	88910000	2245175076304	9445	824.00	0.0001
ERROR	29	79016941890	11087000	2724722134	1418		
TOTAL	31	4569367014500	00000000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-1064762.66882073					
HDD		85.42764211	9.45652508	222359609001	9270	81.61	0.0001
LBRFRC		1814.48361377	46.54750353	4140335494333	6325	1519.54	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHMBTU

		R SQUARE = 0.96244131		CIP1 = 15.90678421			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	3794816062977	44530000	1897408031488	7226	811.30	0.0001
ERROR	29	67822894716	02330300	2338720507	4491		
TOTAL	31	3862638957697	46870000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-1060076.48684628					
HDD		80.63491311	8.76112004	198109502408	0911	84.71	0.0001
LBRFRC		1665.05141525	43.12453702	3486460345791	6975	1190.76	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE=ELEC

		R SQUARE = 0.90256351		CIP1 = 9.96042337			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	1	28017500926	88451600	28017500926	884546	277.89	0.0001
ERROR	30	3024636957	08420310	100821231	902807		
TOTAL	31	31042137883	96875000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		136037.85016034					
TOTWT		3.54870363	0.21287812	28017500926	384546	277.89	0.0001

PROCESS ENERGY ANALYSIS - INDIANA AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.95501783		CIP1 = 17.48404563			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	82581463963.32293000		41290731981.661468		307.85	0.0001
ERROR	29	3889658758.14580200		134126164.073993			
TOTAL	31	86471122721.46875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	9714.42907563						
HDD	38.58210798	1.05414045	72969378172.399420	544.04		0.0001	
LBRFRC	24.93348082	3.59568619	6449347288.423789	48.08		0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.95921204		CIP1 = 11.64358527			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	65188851330.56170900		32594425665.280654		341.00	0.0001
ERROR	29	2771984080.90704020		95585657.962312			
TOTAL	31	67960835411.46875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	-3961.61586922						
HDD	35.53489089	1.39354672	62152648860.208673	650.23		0.0001	
UNITS	3.40866854	0.63610420	2744768731.950509	28.72		0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.68333443		CIP1 = 21.18685941			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	3	1401140819.09697920		467046939.69899300		20.14	0.0001
ERROR	28	649305869.12177070		23189495.32577753			
TOTAL	31	2050446688.21875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	17566.54187264						
HDD	6.91079413	1.30264658	652670524.56589160	28.15		0.0001	
COO	18.58596987	5.21055636	295048600.17785596	12.72		0.0013	
LBRFRC	7.84260882	1.49626135	637085155.77901300	27.47		0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MOGAS

		R SQUARE = 0.90633317		CIP1 = 4.29314528			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	108564536.49445287		54282268.24722643		140.70	0.0001
ERROR	29	11219821.22429712		386890.38704473			
TOTAL	31	119784357.71875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	1763.86632311						
HDD	0.42724666	0.08884021	8348002.29792507	23.13		0.0001	
LBRFRC	3.03199154	0.19311633	95368710.22809765	246.50		0.0001	

PROCESS ENERGY ANALYSIS - JULIET AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.93301179		C(P) = 5.88433559			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	1815840005170	15130000	907920002585.07560	201.96	0.0001	
ERROR	29	130373339082	05724000	4495632382.14025			
TOTAL	31	1946213344252	21870000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-243285.78105898					
HUD		39.75055158	3.39185724	89844634619.9834	19.98	0.0001	
LBRFRC		916.83091230	46.32789730	1723296364756.6410	383.33	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HGTMBTU

		R SQUARE = 0.91445947		C(P) = 6.34653383			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	2	1079581843072	71560000	539790921536.35780	155.01	0.0001	
ERROR	29	100986440230	50308000	3482291042.43114			
TOTAL	31	1180568283303	21870000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-206286.39470052					
HUD		36.62785732	7.82581575	76283191723.6587	21.91	0.0001	
LBRFRC		698.89858499	41.21371795	1001405099789.7528	287.57	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.94905486		C(P) = 3.77930982			
	DF	SUM OF SQUARES		MEAN SQUARE	F	PROB>F	
REGRESSION	1	98665730120	65513000	98665730120.655180	558.87	0.0001	
ERROR	30	5296363475	34480600	176545449.178160			
TOTAL	31	103962093596	00000000				
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-37269.43386988					
LBRFRC		219.37640449	9.27972296	98665730120.655180	558.87	0.0001	

PROCESS ENERGY ANALYSIS - KANSAS AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.73364032		C(P) = 111.00659652			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	25510560563	33857600	25510560563	338576	82.61	0.0001
ERROR	30	9262011018	53642300	308733700	617881		
TOTAL	31	34772571581	87500000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		35291.64729458					
HDD		25.80581184	2.83889640	25510560563	338575	82.63	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HGTMBTU

		R SQUARE = 0.79274592		C(P) = 70.76885386			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	24346292697	34902300	24346292697	349023	114.75	0.0001
ERROR	30	6365051380	11972600	212168379	337324		
TOTAL	31	30711344077	46875000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		11242.51371755					
HDD		25.21006380	2.35341141	24346292697	349022	114.75	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.88568819		C(P) = 23.95754000			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	35248561	02093025	17624280	51046512	112.35	0.0001
ERROR	29	4549373	94781975	156874	96371792		
TOTAL	31	39797934	96875000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		3547.83932977					
HDD		0.19650096	0.06401629	1478093	91156128	9.42	0.0046
NUM1		2.49865183	0.17132229	33368553	16527528	212.71	0.0001

PROCESS ENERGY ANALYSIS - LAKE CITY AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTU

		R SQUARE = 0.91192549		C(P) = 12.83216068	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	137841284935.37813000	68920642467.689060	129.43	0.0001
ERROR	25	13312824382.72902900	532512975.309161		
TOTAL	27	151154109318.10717000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	53701.06606243				
HDD	55.20012178	3.55118619	128665875418.81451	241.62	0.0001
LBRFRC	91.82883038	18.18817209	13574073308.54798	25.49	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HEIGHT

		R SQUARE = 0.93759578		C(P) = 12.82262094	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	138266136502.22079000	46088712167.406930	120.20	0.0001
ERROR	24	9202676697.04188600	383444882.376745		
TOTAL	27	147468813199.26269000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	129275.70444059				
HDD	42.23251278	5.20515097	25242368715.765005	65.83	0.0001
CDD	-50.67128298	15.55425829	4069378737.938246	10.61	0.0034
ITEMS	0.35847137	0.10025578	4902224520.280431	12.78	0.0015

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.79055237		C(P) = 2.39403033	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	4	19043026.77227198	4760756.69306800	21.70	0.0001
ERROR	23	5045227.90629948	219357.73505650		
TOTAL	27	24088254.67857146			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	675.79985880				
HDD	0.30802579	0.12492064	1333701.80239498	6.08	0.0216
CDD	1.60031991	0.37269429	4044465.06863546	18.44	0.0003
LBRFRC	3.47698019	0.44588119	13338917.24381363	60.81	0.0001
BULLETS	-0.00735359	0.00311724	1220704.84567501	5.56	0.0272

PROCESS ENERGY ANALYSIS - FIVE YEAR AAR
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.90011524		C.P.I. = 7.43892526			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	4	180382260768 21871000	45095565192 072429	60.83	0.0001		
ERROR	27	20016812348 92902300	741363420 340705				
TOTAL	31	200399073117 21875000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-21534 67976498					
HDD		101.03656211	7.92004280	126651636727 88580	162.74	0.0001	
LBRFRC		105.09207979	18.30726621	24140697983 37065	32.97	0.0001	
WT1		-10.89848329	2.55503014	13489775046 73685	18.19	0.0002	
WT2		25.92070558	10.71616398	4337565950 20822	5.85	0.0226	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.87842195		C.P.I. = 7.43892526			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	3	173470121156 21761000	57823373713 739206	67.43	0.0001		
ERROR	28	24009144925 75111400	857469461 633968				
TOTAL	31	197479266081 96875000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		49925 59865221					
HDD		103.97441185	8.54791746	126867670327 48722	147.96	0.0001	
UNITS		4.78628593	0.90231215	24126944351 79315	28.14	0.0001	
WT1		-9.25822247	2.69375284	10128809303 18154	11.81	0.0019	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.78760525		C.P.I. = 4.77676537			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	3	1445237516 09348150	481745838 69782710	31.61	0.0001		
ERROR	28	389739477 90651845	13919267 06808994				
TOTAL	31	1834976994 00000000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		5919 59693728					
HDD		4.35975530	2.07448442	61478072 32604780	4.42	0.0447	
COD		11.81259959	2.21478776	395952511 57463359	28.15	0.0001	
LBRFRC		18.10111870	2.31577872	850419210 36940620	61.10	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MORGAS

		R SQUARE = 0.69879130		C.P.I. = 21.54271626			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	35923619 19261240	35923619 19261240	63.60	0.0001		
ERROR	30	15481604 43213760	516153 48274625				
TOTAL	31	51405223 62475000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		1272 31873776					
LBRFRC		1.70992975	0.44469790	15921619 19261240	63.60	0.0001	

PROCESS ENERGY ANALYSIS LUNGHORN AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTU

R SQUARE = 0.87795775 C/P1 = -1.06744443

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	27361035368.51828300	9120345122.8394270	64.74	0.0001
ERROR	27	3803374728.32043000	140865730.6785344		
TOTAL	30	31164410096.83871400			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	62793.21233156				
HDD	42.00196872	7.50001606	20298312729.607802	144.91	0.0001
LBRFRC	78.44140034	20.04894308	2156119262.982100	15.11	0.0006
WT2	0.15724249	0.04766309	1531126688.870582	10.88	0.0027

MAXIMUM R SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTMTU

R SQUARE = 0.87471249 C/P1 = 4.89571119

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	31897845070.12686800	15948922535.063433	97.74	0.0001
ERROR	28	4568817477.22797400	163172052.758142		
TOTAL	30	36466662547.35484300			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	82064.94679298				
HDD	50.67838127	3.76658825	29538943070.424075	181.03	0.0001
NUM2	0.11695093	0.03152517	2245630033.413555	13.76	0.0009

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

R SQUARE = 0.90080889 C/P1 = 4.91707505

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	4	1809080272.23864590	452270068.05966140	59.03	0.0001
ERROR	26	199203951.24522551	7661690.43250467		
TOTAL	30	2008284223.48387140			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	4714.30062135				
CDD	10.69246019	0.47051967	1104795160.5681677	144.15	0.0001
LBRFRC	29.29229369	4.91490366	272145061.3913541	35.52	0.0001
WT2	0.02314764	0.01174139	44660048.7244233	5.83	0.0231
WT4	-0.03007413	0.01387137	36014296.2025128	4.70	0.0395

PROCESS ENERGY ANALYSIS - LOUISIANA AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

R SQUARE = 0.84057921

C(P) = 13.50216289

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	42978900709.72227600	21489450354.861138	76.45	0.0001
ERROR	29	8151201042.49647300	281075898.017120		
TOTAL	31	51130101752.21875000			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	-146369.01273257				
HDD	46.15763116	4.88034141	25142602073.973795	89.45	0.0001
LBRFRC	293.52551856	33.95185727	21008171874.799524	74.74	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTOMBTU

R SQUARE = 0.81234765

C(P) = 20.51859679

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	35233244363.13585300	17616622181.567926	62.77	0.0001
ERROR	29	8138881502.36414600	280651086.288419		
TOTAL	31	43372125865.50000000			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	-145703.29492921				
HDD	45.39403044	4.87665200	24317598644.794958	86.65	0.0001
LBRFRC	234.41394388	33.92619053	13398723262.234783	47.74	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

R SQUARE = 0.86707736

C(P) = 4.53201021

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	5	1800586943.47028080	360117388.69405615	33.92	0.0001
ERROR	26	276029304.99846916	10616511.73071035		
TOTAL	31	2076616248.46875000			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	-18400.02092766				
HDD	5.58464373	1.84902561	96847170.19869763	9.12	0.0056
CDD	7.38893544	1.96893843	149513812.83173179	14.08	0.0009
LBRFRC	67.61076712	8.12875453	734455610.86434020	69.18	0.0001
NUM1	-1965.04412163	832.66289596	59127297.71953774	5.57	0.0261
WT1	20.82505802	9.14495947	55054232.69393900	5.19	0.0312

PROCESS ENERGY ANALYSIS - MCLESTER AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.89315550		CIP1 = 1.11129547			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	69589005169 50136000	69589005169 501360	250.78	0.0001		
ERROR	30	8324644943.07735200	277488164.769245				
TOTAL	31	77913650112.57873000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		48596.42040795					
HDD		53.40783763	3.37253848	69589005169 501360	250.78	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGBMTU

		R SQUARE = 0.91480739		CIP1 = 3.98619339			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	46013656987.36092100	46013656987.360921	171.81	0.0001		
ERROR	16	4285080607.58353530	267817537.973971				
TOTAL	17	50298737594.94445800					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		6405.43598176					
HDD		56.32355826	4.29700852	46013656987.360921	171.81	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.88535819		CIP1 = 5.70019982			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	6	217061306.76448696	36176884.46074783	14.16	0.0001		
ERROR	11	28106479.01329071	2555134.45575370				
TOTAL	17	245167785.77777767					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		15905.07909529					
HDD		3.42312731	0.73837033	54917579.21416479	21.49	0.0007	
CDD		7.56115673	1.15015831	110426930.21983098	43.22	0.0001	
NUM3		-0.30829951	0.16145132	9117003.03569679	3.65	0.0426	
NUM4		0.01596563	0.00585087	19025897.50564758	7.45	0.0196	
NUM5		-0.19982447	0.08155760	15338475.16649755	6.00	0.0322	
WT3		0.00070493	0.00025674	19262221.97590998	7.54	0.0190	

PROCESS ENERGY ANALYSIS - MILAN AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.93376449		C(P) = 14.15431264	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	68796153493.33851000	34398076746.669258	169.17	0.0001
ERROR	24	4879976218.73556000	203332342.447315		
TOTAL	26	73676129712.07408000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		16692.47131736			
HDD		46.40096740	3.07326809	46351056968.806964	227.96
TOTWT		0.00336094	0.00044059	11831880870.536573	58.19

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE H2O MBTU

		R SQUARE = 0.93158696		C(P) = 1.57263681	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	4	57253167749.77472400	14313291937.447680	88.51	0.0001
ERROR	26	4204506407.96721870	161711784.921816		
TOTAL	30	61457674157.74194300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-8988.02519355			
HDD		44.60943838	2.57689804	48461930794.825632	299.68
NUM1		-0.02161524	0.00328896	6984647900.561974	43.19
WT1		0.00316019	0.00076667	2747601071.783667	16.99
WT4		0.00797305	0.00265943	1453488683.167499	8.99

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.95037668		C(P) = 11.01913513	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	5	2252894915.58311650	450578983.11662320	95.76	0.0001
ERROR	25	117633491.19107713	4705339.64764309		
TOTAL	30	2370528406.77419370			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		17084.96022525			
HDD		4.76231991	0.87196368	151176923.77723384	12.77
CDD		5.49034557	1.67642008	50464991.41046417	10.73
NUM2		0.09798324	0.01917709	24132722.60563217	6.26
WT1		0.00063781	0.00014933	87000572.52204717	18.49
WT4		0.00329359	0.00078677	341214021.19200027	72.52

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.83912139		C(P) = 22.89524121	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	71009948.48021163	23669982.82673721	47.01	0.0001
ERROR	27	13594053.19720773	503483.45174843		
TOTAL	30	84604001.67741936			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		8407.85251812			
HDD		0.33470632	0.14165422	2711230.28776789	5.43
NUM4		-0.00197900	0.00066087	4514893.84639757	9.97
WT4		0.00201815	0.00042867	11161440.79577867	22.17

PROCESS ENERGY ANALYSIS - NEWPORT AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.87269813		C P = 86 12678192			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	16171696591	17238000	16171696591	172380	205 66	0 0001
ERROR	30	2358991306	29636910	78633043	543212		
TOTAL	31	18530687897	46875000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	17219.15063444						
HDD	18 12497165		1 26386907	16171696591	172380	205 66	0 0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHBTU

		R SQUARE = 0.94120864		C(P) = 44 61409226			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	12928307102	26961200	12928307102	269612	480 28	0.0001
ERROR	30	807549767	60538700	26918125	586846		
TOTAL	31	13735856869	87500000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	1812.55182507						
HDD	16 20579622		0.73947512	12928307102	269612	480 28	0 0001

PROCESS ENERGY ANALYSIS - PICATINNY ARSENAL
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.84411286		CIP1 = 1.07712124			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB > F
REGRESSION	1	264493415775 23667000		264493415775 23667		124.54	0.0001
ERROR	23	48845508328 57165800		2123717753 41616			
TOTAL	24	313338924103 80834000					
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	313147.13266500						
H00	88.28270182	7.91073037		264493415775 23667		124.54	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE H00MBTU

		R SQUARE = 0.80494390		CIP1 = 10.79629330			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB > F
REGRESSION	1	317245658971 42085000		317245658971 42035		97.38	0.0001
ERROR	23	74926972241 54228000		3257694445 28145			
TOTAL	24	392172631212 96313000					
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	181465.58460780						
H00	96.68654186	9.79764279		317245658971 42035		97.38	0.0001

PROCESS ENERGY ANALYSIS - PINE BLUFF ARSENAL
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.81395245		CIP1 = 3.42163413			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	3	42455500732.92033200		14151833577.640110		39.37	0.0001
ERROR	27	9704181230.04741000		359414119.631386			
TOTAL	30	52159681962.96774200					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		77746.28180487					
HDD		49.04903020	4.54352545	41886112516.721821		116.54	0.0001
NUM4		-0.12213123	0.05354515	1869856601.541505		5.20	0.0307
TOTWT		0.00294739	0.00127052	1934221028.196301		5.38	0.0282

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HJMBTU

		R SQUARE = 0.86541257		CIP1 = 7.33209402			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	38426667851.20395600		19213333925.601978		90.02	0.0001
ERROR	28	5976047442.53798600		213430265.804928			
TOTAL	30	44402715293.74194300					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		39851.19240124					
HDD		41.64868450	3.42622322	31537500707.900858		147.76	0.0001
NUM1		0.13304027	0.03043305	4078786507.033032		19.11	0.0002

PROCESS ENERGY ANALYSIS - RAVENNA AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.92600328		C(P) = 10.91723335	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	4096417062.55467380	2048208531.2773368	181.45	0.0001
ERROR	29	327343775.16407614	11287716.3849681		
TOTAL	31	4423760837.71875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-2420.27291093			PROB>F
HDD		9.07354852	0.47836116	4061145980.0394375	359.78
LBRFRC		85.10512608	16.29709915	307820055.6160519	27.27

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHMBTU

		R SQUARE = 0.94198116		C(P) = 6.17132001	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	2920113471.62848810	973371157.20949600	151.53	0.0001
ERROR	28	179856673.87151181	6423452.63826828		
TOTAL	31	3099970145.50000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		105.54528667			PROB>F
HDD		5.43023666	0.71464791	370870072.30747145	57.74
CDD		-18.91531294	5.40659740	78622622.53312407	12.24
LBRFRC		49.42347184	12.32295674	103324944.00691905	16.09

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.76149021		C(P) = 2.09342738	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	82813487.56657611	41406743.78328806	46.29	0.0001
ERROR	29	25938387.30842388	894427.14856634		
TOTAL	31	108751874.87500000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		3993.36472612			PROB>F
HDD		1.24124510	0.13465589	75999260.37006131	84.97
LBRFRC		20.21527445	4.58753879	17367797.91814197	19.42

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.87404112		C(P) = 2.16278013	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	8242178.00075961	4121089.00037981	100.62	0.0001
ERROR	29	1187787.96799039	40958.20579277		
TOTAL	31	9429965.96875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		305.55908731			PROB>F
HDD		0.24398273	0.02881531	2936381.36073951	71.69
LBRFRC		12.51015188	0.98169759	6651362.80906451	162.39

PROCESS ENERGY ANALYSIS - RIVERBANK AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.82455453		C(P) = 39.80293124	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	28981079543.90054700	28981079543.900547	140.99	0.0001
ERROR	30	6166480230.09945200	205549341.003315		
TOTAL	31	35147559774.00000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-7158.93936757			PROB>F
LBRFRC		188.59155363	15.88265137	28981079543.900546	140.99

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTCHBTU

		R SQUARE = 0.88591814		C(P) = 22.33178067	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	6546760156.31923400	6546760156.3192340	232.97	0.0001
ERROR	30	843042429.18076430	28101414.3060255		
TOTAL	31	7389802585.50000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-8535.91997115			PROB>F
LBRFRC		89.63511379	5.87258143	6546760156.3192340	232.97

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.72822956		C(P) = 65.23976758	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	7588122119.17395200	7588122119.1739520	80.39	0.0001
ERROR	30	2831836798.29479780	94394559.9431599		
TOTAL	31	10419958917.46875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		1392.13209214			PROB>F
LBRFRC		96.50106685	10.76312643	7588122119.1739520	80.39

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MOGAS

		R SQUARE = 0.93360650		C(P) = 5.63104916	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	4912527.92371951	4912527.92371951	421.85	0.0001
ERROR	30	349354.79503049	11645.15983435		
TOTAL	31	5261882.71875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-15.15148856			PROB>F
LBRFRC		2.45537299	0.11954673	4912527.92371951	421.85

PROCESS ENERGY ANALYSIS - ROCK ISLAND ARSENAL
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.91441935		C(P) = 15.19044681	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	405545521690.04676000	405545521690.04676	320.55	0.0001
ERROR	30	37955069029.47568200	1265168967.64919		
TOTAL	31	443500590719.52245000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		279574.85181112			
MOD		79.85034278	4.45998289	405545521690.04076	320.55

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.91714299		C(P) = 25.44052118	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	435168006413.72280000	435168006413.72280	332.07	0.0001
ERROR	30	39314176539.91536400	1310472551.33051		
TOTAL	31	474482182953.63810000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		114160.99465443			
MOD		82.71522569	4.53911247	435168006413.72280	332.07

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE TOTELEC

		R SQUARE = 0.73808182		C(P) = 33.77153037	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	11491891.15633943	5745945.57816971	29.59	0.0001
ERROR	21	4078050.80199394	194192.89533304		
TOTAL	23	15569941.95833337			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		11462.41758928			
CDD		1.04604004	0.33467912	1897023.50904401	9.77
WEIGHT		0.00157596	0.00026942	6644729.87100175	34.22

PROCESS ENERGY ANALYSIS - SUNFLOWER AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.75634645		CIP = 4.52844201			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	199092841397	99508000	99546420698	997530	45.01	0.0001
ERROR	29	64136847470	00490700	2211615430	000169		
TOTAL	31	263229688868	00000000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	-125649	67405694					
HDD	35	60433939	7.64825426	47928169406	88852	21.67	0.0001
LBRFRC	478	35741687	54.70116621	169130317620	97300	76.47	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTOMBTU

		R SQUARE = 0.72524040		CIP = 3.90290006			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	127719423147	76728000	63859711573	883644	38.27	0.0001
ERROR	29	48386904031	10769900	1668513932	107162		
TOTAL	31	176106327178	87500000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	-121350	34191104					
HDD	29	69198211	6.64312509	33332152297	61164	19.98	0.0001
LBRFRC	379	26549791	47.51237046	106317097860	61628	63.72	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.78051276		CIP = 9.77485720			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	7396957442	14375800	3698478721	0718793	51.56	0.0001
ERROR	29	2080091241	07499120	71727284	1749937		
TOTAL	31	9477048683	21875000				
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	5280	20334908					
HDD	5	69161512	1.37736710	1224774192	4540313	17.08	0.0001
LBRFRC	95	43265580	9.85108289	6731478459	3198610	93.85	0.0001

PROCESS ENERGY ANALYSIS - TWIN CITIES AAP
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.98598024		CIP1 = 12.57337012			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	439189754748.24023000		219594877374.12011		1019.75	0.0001
ERROR	29	6244888635.63475500		215340987.43568			
TOTAL	31	445434643383.87500000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	76484	52518249					
HDD	40	86425619	1.62628527	135962905726.53268		631.38	0.0001
LBRFRC	312	46401142	9.28676378	243779908637.91148		1132.06	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTOMBTU

		R SQUARE = 0.97789307		CIP1 = 13.08458385			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	271820000240.00718000		135910001120.00358		641.40	0.0001
ERROR	29	6145109784.15155900		211900337.38454			
TOTAL	31	277972076024.21875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	16953	86504186					
HDD	39	44136393	1.61324082	126659302153.74486		597.73	0.0001
LBRFRC	207	28826065	9.21227456	107287053192.00980		506.31	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.85553347		CIP1 = 8.70752413			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	28299924637.31596000		28299924637.315960		177.66	0.0001
ERROR	30	4778763082.68403900		159292102.756135			
TOTAL	31	33078687720.00000000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	61067	98327932					
LBRFRC	105	41752445	7.90892207	28299924637.315960		177.66	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MUGAS

		R SQUARE = 0.81752095		CIP1 = 2.22711668			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	2887557.15319303		1443778.57659651		61.96	0.0001
ERROR	29	644532.31555697		22225.25226059			
TOTAL	31	3532089.46875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT	804	66452802					
HDD	0	10245111	0.01652178	854607.17782851		38.45	0.0001
LBRFRC	0	81173694	0.09434620	1645237.20034925		74.03	0.0001

PROCESS ENERGY ANALYSIS - VOLUNTIER AAD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTU

		R SQUARE = 0.89521171		C(P) = 3.75678530			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	1423376465111	25920000	1423376465111	2592	256.29	0.0001
ERROR	30	166612190174	74050000	5553739672.4914			
TOTAL	31	1589988655286	00000000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT		-228056.30942166					
LBRFRC		1363.52351451		85.17173632		1423376465111 2592	
						256.29	
						0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.89005710		C(P) = 3.57994813			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	817951964325	70760000	817951964325	70760	242.87	0.0001
ERROR	30	101076226241	51110000	3367874208.05077			
TOTAL	31	918988190567	21870000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT		-186369.10149123					
LBRFRC		1033.63365494		66.32552137		817951964325 70760	
						242.87	
						0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.88861196		C(P) = 3.27617970			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	79778845139	63371000	79778845139	633710	239.38	0.0001
ERROR	30	9998304963	58503100	333276832.113501			
TOTAL	31	89777150103	21875000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT		-41997.64321430					
LBRFRC		322.80972825		20.86437135		79778845139 633710	
						239.38	
						0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MOUA

		R SQUARE = 0.88550517		C(P) = 1.34192413			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	39212857	20731899	19606428.60165450		112.14	0.0001
ERROR	29	5070178	79268101	174833.75147176			
TOTAL	31	44283035	00000000				
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT		518.82051375					
QDD		-0.35215492		0.16110941		19606428.60165450	
LBRFRC		6.85230787		0.48911060		34715068.32527098	
						112.14	
						0.0001	

PROCESS ENERGY ANALYSIS - WATER/LEAK SIGNAL
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.91287135		C(P) = 9.49620120			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	108943394754.35093000		108943394754.35093		314.32	0.0001
ERROR	30	10398060075.86780900		346602002.52893			
TOTAL	31	119341454830.21875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		129153.93590916					
HDD		44.73639865	2.52334191	108943394754.35093		314.32	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE H2OMBTU

		R SQUARE = 0.95897078		C(P) = 1.18602001			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	1	102058918189.44733000		102058918189.44733		701.18	0.0001
ERROR	30	4366598416.77139460		145553280.55905			
TOTAL	31	106425516606.21875000					
		B VALUE	STD ERROR	TYPE II SS		F	PROB>F
INTERCEPT		22299.62536121					
HDD		43.29981572	1.63520259	102058918189.44733		701.18	0.0001

AMCCOM Monthly Data

OBS	MONTH	FYEAR	HD	CD	TIME	ELEC	NATGAS	COAL	PER	IN	FSX	MOGAS	LBRRFC	METH	ELCARTIO	MRTUVR	MOTUADJ	UUGADJ
1	DEC	FY75	445	0	1	23014	0	0	219	0	100374	2428	1037	126035	100593		126035	100593
2	NOV	FY75	822	0	2	25112	0	0	100	0	125054	2191	1019	152457	125154		152457	125154
3	DEC	FY75	1182	0	3	22059	0	0	85	0	150347	2658	1030	185149	160432		185149	160432
4	JAN	FY75	1446	0	4	24481	0	0	133	0	177749	2456	998	204819	177882		204819	177882
5	FEB	FY75	1292	0	5	22782	0	0	102	0	161389	2404	973	186677	161491		186677	161491
6	MAR	FY75	1248	0	6	20991	0	0	21	0	162098	2820	946	185930	162119		185930	162119
7	APR	FY75	702	0	7	18516	0	0	7	0	122687	2555	888	143865	122694		143865	122694
8	MAY	FY75	162	85	8	14495	0	0	30	0	56816	1908	615	73249	56836		73249	56836
9	JUN	FY75	56	177	9	10264	0	0	24	0	25872	1271	411	37431	25896		37431	25896
10	JUL	FY75	20	306	10	6380	0	0	17	0	4887	200	355	11484	4904		11484	4904
11	AUG	FY75	2	215	11	4710	0	0	0	0	0	1188	294	5898	0		5898	0
12	SEP	FY75	236	16	12	4942	0	0	11	0	3775	957	303	9685	1786		9685	1786
13	OCT	FY76	384	15	13	5011	0	0	18	0	7072	747	200	12848	7690		12848	7690
14	NOV	FY76	741	0	14	7111	0	0	7	0	27232	731	303	35081	27239		35081	27239
15	DEC	FY76	1274	0	15	9222	0	0	6	0	35766	795	257	45789	35772		45789	35772
16	JAN	FY76	1600	0	16	7354	0	0	5	0	57388	1030	257	65777	57393		65777	57393
17	FEB	FY76	1039	0	17	6774	0	0	5	0	38661	686	248	45126	38666		45126	38666
18	MAR	FY76	964	0	18	5452	0	0	0	0	26859	643	237	32954	26859		32954	26859
19	APR	FY76	460	5	19	4176	0	0	17	0	21815	907	227	26915	21832		26915	21832
20	MAY	FY76	254	7	20	3828	0	0	7	0	3344	726	224	7905	3351		7905	3351
21	JUN	FY76	11	167	21	4083	0	0	31	0	3885	494	270	8493	3916		8493	3916
22	JUL	FY76	3	304	22	6599	0	0	7	0	22082	622	270	29310	22089		29310	22089
23	AUG	FY76	14	228	23	7297	0	0	3	0	22879	662	269	30841	22882		30841	22882
24	SEP	FY76	176	60	24	6543	0	0	5	0	19905	649	263	27102	19910		27102	19910
25	OCT	FY77	624	10	25	7934	0	0	8	0	37666	894	254	46502	37674		46502	37674
26	NOV	FY77	1104	0	26	5475	0	0	7	0	29223	1039	247	35744	29230		35744	29230
27	DEC	FY77	1613	0	27	5846	0	0	11	0	32258	1019	202	39124	32259		39124	32259
28	JAN	FY77	1923	0	28	5099	0	0	2	0	34799	770	204	40670	34801		40670	34801
29	FEB	FY77	1200	0	29	4636	0	0	1	0	24892	628	203	30157	24893		30157	24893
30	MAR	FY77	770	0	30	3477	0	0	9	0	16279	698	210	20463	16288		20463	16288
31	APR	FY77	344	41	31	2830	0	0	6	0	6380	609	230	9825	6386		9825	6386
32	MAY	FY77	66	145	32	2598	0	0	3	0	1856	578	235	5015	1859		5015	1859
33	JUN	FY77	36	132	33	2552	0	0	9	0	1776	752	261	5089	1785		5089	1785
34	JUL	FY77	40	100	34	2645	0	0	16	0	869	805	291	4323	873		4323	873
35	AUG	FY77	122	33	35	2645	0	0	15	0	538	992	296	4191	554		4191	554
36	SEP	FY77	122	33	36	2784	0	0	15	0	638	936	324	4171	653		4171	653
37	OCT	FY78	488	0	37	2970	0	0	10	0	4400	965	323	8345	4410		8345	4410
38	NOV	FY78	936	0	38	4826	0	0	17	0	13101	1084	288	19028	13118		19028	13118
39	DEC	FY78	1483	0	39	6496	0	0	19	0	17525	1104	255	25144	17544		25144	17544
40	JAN	FY78	1804	0	40	7888	0	0	19	0	20599	886	227	20392	20618		20392	20618
41	FEB	FY78	1515	0	41	7563	0	0	19	0	15910	717	218	24209	15929		24209	15929
42	MAR	FY78	1106	0	42	6543	0	0	18	0	13330	690	220	20581	13348		20581	13348
43	APR	FY78	565	0	43	4965	0	0	6	0	13007	575	228	18553	13013		18553	13013
44	MAY	FY78	209	61	44	4176	0	0	0	0	9325	636	233	14137	9325		14137	9325
45	JUN	FY78	36	116	45	2877	0	0	3	0	1649	673	255	5202	1652		5202	1652
46	JUL	FY78	6	187	46	3202	0	0	2	0	633	767	259	4604	635		4604	635
47	AUG	FY78	0	272	47	2830	0	0	4	0	565	962	243	4761	569		4761	569
48	SEP	FY78	78	183	48	3619	0	0	7	0	6274	759	211	10654	6281		10654	6281
49	OCT	FY79	427	1	49	8398	0	0	7	0	23541	823	193	32769	23548		32769	23548
50	NOV	FY79	871	0	50	11090	0	0	6	0	32672	742	173	44494	32678		44494	32678
51	DEC	FY79	1388	0	51	7656	0	0	13	0	33696	726	164	42107	33709		42107	33709
52	JAN	FY79	1828	0	52	8352	0	0	17	0	20525	708	167	29602	20542		29602	20542
53	FEB	FY79	1466	0	53	7842	0	0	14	0	22847	687	167	31390	22861		31390	22861
54	MAR	FY79	992	0	54	6496	0	0	14	0	18180	715	170	25405	18194		25405	18194
55	APR	FY79	569	0	55	5568	0	0	9	0	12218	550	201	18345	12227		18345	12227
56	MAY	FY79	239	30	56	4826	0	0	5	0	7613	616	211	13060	7618		13060	7618

PROCESS ENERGY ANALYSIS RADGER AAP

ORS	MONTH	FYEAR	IND	COO	TIME	FLC	NATGAS	COAL	PIG	HW	FSX	MOGAS	LBKFRG	MBTU	HCHRHU	MBTU/YR	MBTUADJ	HTGADJ
57	JUN	FY79	29	104	57	6496	0	0	4	0	8449	845	236	15794	845.4	5202	15794.0	8453.0
58	JUL	FY79	1	226	58	6682	0	0	3	0	13998	684	241	21367	1400.1	4604	21367.0	14001.0
59	AUG	FY79	37	161	59	7331	0	0	1	0	12576	728	241	20636	1257.7	4361	20636.0	12577.0
60	SEP	FY79	116	60	60	3758	0	0	2	0	0	584	187	4344	2	10659	4344.0	2
61	OCT	FY80	535	3	61	6960	0	0	15	0	13988	646	182	21609	1400.3	32769	21609.0	14003.0
62	NOV	FY80	894	0	62	10208	0	0	9	0	18360	815	146	29392	1836.9	44494	29392.0	18369.0
63	DEC	FY80	1133	0	63	10997	0	0	3	0	22703	453	141	34156	2270.6	42107	34156.0	22706.0
64	JAN	FY80	1438	0	64	7610	0	0	0	0	15243	478	150	23331	1524.3	29602	24952.8	16864.8
65	FEB	FY80	1358	0	65	7470	0	0	2	0	19774	620	157	27866	1977.6	31390	29397.6	21307.6
66	MAR	FY80	1085	0	66	6403	0	0	15	0	12394	497	222	19309	1240.9	25405	20532.7	13632.7
67	APR	FY80	480	20	67	5986	0	0	47	0	7332	597	261	13062	737.9	18345	14503.4	7920.4
68	MAY	FY80	155	96	68	4315	0	0	13	0	2273	800	265	7401	228.6	13060	7575.8	2450.8
69	JUN	FY80	15	180	69	3573	0	0	4	0	291	713	266	4581	29.5	15794	4597.9	311.9
70	JUL	FY80	0	416	70	3851	0	0	26	0	1700	678	265	5755	122.6	21367	5755.0	122.6
71	AUG	FY80	3	293	71	4640	0	0	11	0	1327	941	261	6919	133.8	20636	6922.4	1341.4
72	SEP	FY80	112	79	72	5707	0	0	9	0	18804	810	257	25370	1881.3	4344	25456.3	18939.3
73	OCT	FY81	507	0	73	7285	0	0	13	0	29054	1451	241	37803	2906.7	21609	38487.6	29751.6
74	NOV	FY81	849	0	74	10162	0	0	10	0	19538	782	227	30492	1954.8	29392	31449.5	20505.5
75	DEC	FY81	1362	0	75	5939	0	0	6	0	10913	813	155	17671	1091.9	34156	19207.1	12455.1
76	JAN	FY81	1402	0	76	5336	0	0	4	0	14503	790	159	20633	1450.7	23331	22214.2	16088.2
77	FEB	FY81	1107	0	77	5290	0	0	3	0	10433	683	160	16408	1043.6	27866	17657.5	11684.5
78	MAR	FY81	840	0	78	6032	0	0	31	0	12465	905	286	19433	1246.6	19309	20380.4	13443.4
79	APR	FY81	408	0	79	5522	0	0	46	0	5257	1307	348	12132	530.3	13962	12592.1	5763.1
80	MAY	FY81	214	19	80	5986	0	0	43	0	15682	867	350	22578	1572.5	7401	22819.4	15966.4
81	JUN	FY81	11	139	81	10394	0	0	5	0	29656	935	351	40990	2966.1	4581	41002.4	29673.4
82	JUL	FY81	5	277	82	7470	0	0	5	0	20360	788	371	28623	2036.5	5755	28628.6	20370.6
83	AUG	FY81	7	211	83	4594	0	0	15	0	10551	940	365	16090	1055.6	6919	16097.9	10563.9
84	SEP	FY81	157	37	84	7146	0	0	11	0	21839	920	341	29916	2183.9	25330	30093.1	22027.1
85	OCT	FY82	535	0	85	7610	0	0	7	0	15270	1045	339	23833	1527.7	37803	24536.4	15880.4
86	NOV	FY82	802	0	86	6496	0	0	6	0	6112	978	227	13592	611.8	30492	14496.5	7022.5
87	DEC	FY82	1402	0	87	6589	0	0	2	0	10059	1096	205	17745	1006.1	17671	19327.2	11642.2
88	JAN	FY82	1878	0	88	5707	0	0	7	0	11153	782	188	17648	1116.0	20633	19767.0	13278.0
89	FEB	FY82	1333	0	89	5475	0	0	2	0	12782	584	191	18843	1278.4	16409	20346.4	14287.4
90	MAR	FY82	1059	0	90	6450	0	0	6	0	12622	732	257	19810	1262.8	19433	21004.4	13822.4
91	APR	FY82	619	0	91	6171	0	0	8	0	7202	943	368	14324	721.0	12132	15022.1	7908.1
92	MAY	FY82	112	54	92	3944	0	0	17	0	82	1122	402	5165	99	22578	5291.3	225.3
93	JUN	FY82	77	38	93	3990	0	0	3	0	25	1072	431	5090	28	40990	5176.8	114.8
94	JUL	FY82	0	292	94	3387	0	0	12	0	0	1209	435	4608	12	28623	4608.0	12.0
95	AUG	FY82	41	212	95	3387	0	0	1	0	0	1150	434	4538	1	16090	4584.2	47.2
96	SEP	FY82	177	60	96	3666	0	0	23	0	584	1168	431	5441	607	24916	5640.6	806.6

QBS	MONTH	FYEAR	MOD	CHD	TIME	FLC	NATGAS	CUM	PPG	HW	FSX	MUGAS	LRERC	NRU	HCHRUH	MBTUHR	MTTUADJ	HTGADJ
1	OCT	FY75	315	6	1	1415	1222	0	0	0	0	0	90	2637	1222	2637	1222	1222
2	NOV	FY75	793	0	2	1415	3411	0	0	0	0	0	89	4826	3411	4826	3411	3411
3	DEC	FY75	1229	0	3	1415	5806	0	0	0	0	0	89	7221	5806	7221	5806	5806
4	JAN	FY75	1302	0	4	1740	4484	0	0	0	0	0	89	6224	4484	6224	4484	4484
5	FEB	FY75	1221	0	5	1601	3536	0	0	0	0	0	87	5137	3536	5137	3536	3536
6	MAR	FY75	1052	0	6	1462	4125	0	0	0	0	0	87	5587	4125	5587	4125	4125
7	APR	FY75	524	2	7	1122	1721	0	0	0	0	0	85	3043	1721	3043	1721	1721
8	MAY	FY75	127	49	8	974	494	0	0	0	0	0	86	1468	494	1468	494	494
9	JUN	FY75	31	158	9	905	0	0	0	0	0	0	84	905	0	905	0	0
10	JUL	FY75	0	373	10	1044	250	0	0	0	0	0	84	1294	250	1294	250	250
11	AUG	FY75	0	384	11	1114	251	0	0	0	0	0	84	1365	251	1365	251	251
12	SEP	FY75	178	66	12	905	0	0	0	0	0	0	77	905	0	905	0	0
13	OCT	FY76	296	28	13	1044	1013	0	0	0	623	404	77	3084	1036	2637	3084	1636
14	NOV	FY76	870	0	14	1253	2505	0	0	0	949	273	77	4980	3454	4826	4980	3454
15	DEC	FY76	1166	0	15	1531	3698	0	0	0	1421	315	78	6966	5120	7221	6966	5120
16	JAN	FY76	1251	0	16	1531	2606	0	0	0	2848	394	72	7379	5454	6224	7379	5454
17	FEB	FY76	791	0	17	1183	2181	0	0	0	1182	294	71	4840	3353	5137	4840	3353
18	MAR	FY76	808	0	18	1322	2773	0	0	0	734	326	70	5155	3507	5587	5155	3507
19	APR	FY76	354	9	19	1114	1234	0	0	0	221	399	77	2968	1455	3043	2968	1455
20	MAY	FY76	198	29	20	835	835	0	0	0	0	325	79	1995	835	1468	1995	835
21	JUN	FY76	11	196	21	835	37	0	0	0	0	299	77	1171	37	905	1171	37
22	JUL	FY76	0	387	22	1044	0	0	0	0	0	326	77	1370	0	1294	1370	0
23	AUG	FY76	0	344	23	1114	0	0	0	0	221	431	76	1766	221	1365	1766	221
24	SEP	FY76	95	111	24	905	501	0	0	0	0	352	76	1758	501	305	1758	501
25	OCT	FY77	551	12	25	1114	1310	0	0	0	408	373	65	3205	1718	3084	3205	1718
26	NOV	FY77	944	0	26	1183	2089	0	0	0	944	273	65	4489	3033	4980	4489	3033
27	DEC	FY77	1139	0	27	1520	2417	0	10	0	2755	320	66	7012	5172	6966	7012	5172
28	JAN	FY77	1461	0	28	1392	1982	0	0	0	4322	278	64	7974	6304	7379	7974	6304
29	FEB	FY77	863	0	29	1102	3286	0	0	0	379	189	64	4956	3605	4840	4956	3605
30	MAR	FY77	729	0	30	1148	67	0	0	0	1951	252	64	3418	2018	5155	3418	2018
31	APR	FY77	280	24	31	847	525	0	0	0	1480	336	72	3188	2005	2968	3188	2005
32	MAY	FY77	15	85	32	719	226	0	0	0	0	273	73	1218	226	1995	1218	226
33	JUN	FY77	0	268	33	789	0	0	0	0	6	257	74	1052	6	1171	1052	6
34	JUL	FY77	0	437	34	835	102	0	0	0	0	347	72	1284	102	1370	1284	102
35	AUG	FY77	1	214	35	719	0	0	0	0	0	357	69	1076	0	1766	1076	0
36	SEP	FY77	47	77	36	708	0	0	0	0	181	368	69	1257	181	1758	1257	181
37	OCT	FY78	380	0	37	858	955	0	0	0	58	347	68	2218	1013	3205	2218	1013
38	NOV	FY78	768	0	38	1044	2374	0	0	0	845	252	62	4515	3219	4489	4515	3219
39	DEC	FY78	1105	0	39	1369	4273	0	0	0	87	236	62	5965	4160	7012	5965	4360
40	JAN	FY78	1632	0	40	1334	5614	0	0	0	676	305	61	7929	6290	7974	7929	6290
41	FEB	FY78	1395	0	41	1264	4841	0	0	0	501	273	61	6879	5342	4956	6879	5342
42	MAR	FY78	914	5	42	1172	2675	0	0	0	705	284	60	4836	3180	3418	4836	3380
43	APR	FY78	409	5	43	858	1130	0	0	0	280	326	64	2594	1410	3188	2594	1410
44	MAY	FY78	205	47	44	800	634	0	0	0	0	273	67	1707	634	1218	1707	634
45	JUN	FY78	25	293	45	719	101	0	0	0	0	294	68	1114	101	1052	1114	101
46	JUL	FY78	0	355	46	708	90	0	0	0	0	378	70	1176	90	1284	1176	90
47	AUG	FY78	3	283	47	754	55	0	0	0	0	320	71	1129	55	1076	1129	55
48	SEP	FY78	64	169	48	754	42	0	0	0	0	315	70	1111	42	1257	1111	42
49	OCT	FY79	400	2	49	800	803	0	0	0	111	404	69	2118	914	2218	2118	914
50	NOV	FY79	886	0	50	986	1579	0	0	0	652	326	62	3543	2231	4515	3543	2231
51	DEC	FY79	1438	0	51	1288	4270	0	0	0	355	289	62	6202	4625	5965	6202	4625
52	JAN	FY79	1777	0	52	1334	7338	0	0	0	978	383	62	9993	8276	7929	9993	8276
53	FEB	FY79	1431	0	53	1206	6081	0	0	0	816	336	62	6879	6897	6879	6897	6897
54	MAR	FY79	866	0	54	1172	3645	0	0	0	0	315	61	5132	3645	4836	5132	3645
55	APR	FY79	492	0	55	847	2049	0	0	0	769	341	72	4006	2818	2594	4006	2818
56	MAY	FY79	258	36	56	626	1184	0	0	0	58	294	75	2162	1242	1707	2162	1242

11 10 SATURDAY, FEBRUARY 18, 1984

PROCESS ENERGY ANALYSIS - CORNIUSKER AAP

ORS	MONTH	FYEAR	HDD	CND	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MUGAS	IBRTRC	NBTU	HICNRTU	NBTU1VR	NRTUADJ	HICGADJ
57	JUN	FY79	38	211	57	580	0	0	0	0	0	273	77	853	0	1114	853.00	0.00
58	JUL	FY79	9	294	58	603	52	0	0	0	17	373	77	1045	69	1176	1045.00	69.00
59	AUG	FY79	10	303	59	522	131	0	0	0	12	294	75	959	143	1129	959.00	143.00
60	SEP	FY79	49	132	60	638	145	0	0	0	198	394	72	1375	143	1111	1375.00	343.00
61	OCT	FY80	365	2	61	592	548	0	0	0	70	299	69	1509	618	2118	1509.00	618.00
62	NOV	FY80	915	0	62	742	1651	0	0	0	291	294	66	2978	1942	3543	2978.00	1942.00
63	DEC	FY80	978	0	63	696	3910	0	0	0	227	394	65	5227	4137	6202	5227.00	4137.00
64	JAN	FY80	1340	0	64	823	4150	0	0	0	716	263	65	5952	4865	9993	5952.00	4865.00
65	FEB	FY80	1191	0	65	847	4589	0	0	0	309	299	66	6044	4898	8439	6044.00	4898.00
66	MAR	FY80	946	0	66	731	3083	0	0	0	0	263	69	4077	3083	5132	4077.00	3083.00
67	APR	FY80	420	20	67	568	1486	0	0	0	792	189	76	3035	2278	4006	3035.00	2278.00
68	MAY	FY80	176	56	68	545	683	0	0	0	0	215	82	1443	683	2162	1443.00	683.00
69	JUN	FY80	11	261	69	522	0	0	0	0	0	284	86	805	0	853	805.00	0.00
70	JUL	FY80	0	493	70	615	27	0	0	0	134	278	94	1054	161	1045	1054.00	161.00
71	AUG	FY80	2	377	71	394	2	0	0	0	23	252	87	671	25	959	671.00	25.00
72	SEP	FY80	71	133	72	615	6	0	0	0	185	341	79	1148	192	1375	1148.00	192.00
73	OCT	FY81	420	9	73	534	569	0	0	0	17	312	69	1432	536	1509	1432.00	586.00
74	NOV	FY81	694	0	74	452	1352	0	0	0	472	196	67	2124	1352	2978	2124.00	1352.00
75	DEC	FY81	1084	0	75	684	2820	0	0	0	483	237	66	4172	3292	5227	4172.00	3292.00
76	JAN	FY81	1113	0	76	719	4883	0	0	0	0	237	66	6322	5066	5952	6322.00	5366.00
77	FEB	FY81	934	0	77	603	3968	0	0	0	320	190	65	5081	4288	6044	5081.00	4288.00
78	MAR	FY81	716	0	78	580	2330	0	0	0	0	206	66	3116	2130	4077	3116.00	2330.00
79	APR	FY81	221	25	79	429	1303	0	0	0	699	280	82	2711	2002	3035	2711.00	2002.00
80	MAY	FY81	255	15	80	499	862	0	0	0	6	277	84	1644	868	1443	1644.00	868.00
81	JUN	FY81	7	259	81	476	63	0	0	0	0	266	83	805	63	806	805.00	63.00
82	JUL	FY81	9	356	82	673	0	0	0	0	0	324	81	997	0	1054	997.00	0.00
83	AUG	FY81	0	219	83	1612	0	0	10	0	0	341	81	1953	0	1953	1953.00	0.00
84	SEP	FY81	80	74	84	476	81	0	0	0	0	300	81	857	81	1148	857.00	81.00
85	OCT	FY82	439	0	85	557	527	0	0	0	227	291	71	1602	754	1432	1602.00	754.00
86	NOV	FY82	713	0	86	626	1447	0	0	0	0	249	72	2322	1447	2124	2322.00	1447.00
87	DEC	FY82	1245	0	87	835	2719	0	0	0	617	304	68	4475	3336	4172	4475.00	3336.00
88	JAN	FY82	1612	0	88	754	4913	0	0	0	728	249	68	6644	5641	6322	6644.00	5641.00
89	FEB	FY82	1148	0	89	661	4399	0	0	0	495	283	69	5838	4894	5081	5838.00	4894.00
90	MAR	FY82	925	0	90	638	3068	0	0	0	0	356	69	4062	3068	3116	4216.19	3222.19
91	APR	FY82	537	1	91	545	1383	0	0	0	64	314	69	2306	1447	2711	2306.51	1536.51
92	MAY	FY82	148	24	92	476	911	0	0	0	0	311	60	1698	911	1644	1722.67	935.67
93	JUN	FY82	61	90	93	476	0	0	0	0	0	407	89	883	0	105	893.17	10.17
94	JUL	FY82	0	364	94	568	0	0	0	0	0	349	88	917	0	997	917.00	0.00
95	AUG	FY82	12	248	95	452	0	0	0	0	0	319	90	771	0	1953	773.00	2.00
96	SEP	FY82	139	92	96	394	0	0	0	0	682	362	89	1438	682	857	1461.17	705.17

OBS MONTH FYEAR HHD QDD TIME TLLC NATGAS COAL PPG IN 15X MOGAS LBPIRC

1	OCT	FY75	326	5	1	103286	13342	619937	134	0	114046	2459	1913
2	NOV	FY75	527	1	2	84912	15497	624581	128	0	70858	2780	1794
3	DEC	FY75	785	0	3	86026	2381	669582	497	0	43275	2582	1788
4	JAN	FY75	755	0	4	87139	1511	726004	234	0	1548	2946	1784
5	FEB	FY75	616	0	5	77674	1378	627749	143	0	1049	2436	1779
6	MAR	FY75	621	0	6	77952	1356	577759	115	0	2744	2249	1481
7	APR	FY75	328	12	7	70435	740	551587	48	0	350	2106	1473
8	MAY	FY75	29	101	8	72384	160	474458	0	0	326	2465	1469
9	JUN	FY75	1	190	9	54288	293	425484	0	0	635	2068	1509
10	JUL	FY75	0	310	10	71927	140	462763	0	0	548	1877	1502
11	AUG	FY75	0	353	11	72384	159	403722	0	0	437	2634	1491
12	SEP	FY75	46	136	12	71827	241	454172	0	0	530	1987	1461
13	OCT	FY76	188	7	13	75446	1323	472608	0	0	2300	2827	1435
14	NOV	FY76	451	0	14	73498	973	458094	0	0	705	1874	1434
15	DEC	FY76	768	0	15	71549	1685	483646	0	0	1433	2198	1431
16	JAN	FY76	970	0	16	75168	1795	443447	19	0	1078	2627	1243
17	FEB	FY76	509	0	17	71827	1301	375440	0	0	612	2008	1227
18	MAR	FY76	402	2	18	64867	909	340425	17	0	862	2067	1214
19	APR	FY76	297	14	19	55680	634	318358	0	0	909	3243	1200
20	MAY	FY76	134	24	20	47386	361	301313	0	0	407	1828	1207
21	JUN	FY76	9	185	21	52896	442	284393	0	0	454	1736	1220
22	JUL	FY76	0	262	22								1226
23	AUG	FY76	0	212	23								1219
24	SEP	FY76	46	54	24								1171
25	OCT	FY77	409	0	25								1171
26	NOV	FY77	776	0	26								1172

OBS WT1 WT2 WT3 WT4 MBTU HHCMBTU MBTU/YR TOTWT MBTUADJ HHCADJ ELECADJ

1	13866	234	275	985	853204	747459	15360	853204	747459	103286
2	10094	118	178	760	798756	711064	11150	798756	711064	84912
3	9869	342	114	445	804343	715735	10770	804343	715735	86026
4	9458	289	364	92	819382	729297	10203	819382	729297	87139
5	8608	344	169	272	710429	630319	9393	710429	630319	77674
6	6419	243	231	715	662175	581974	7608	662175	581974	77952
7	4832	362	248	1951	625266	552725	7393	625266	552725	70435
8	5105	231	300	2840	549793	474944	8476	549793	474944	72384
9	5023	100	264	0	482768	426412	5387	482768	426412	54288
10	4569	161	260	0	537155	463451	4990	537155	463451	71827
11	5020	303	386	0	479336	404318	5769	479336	404318	72384
12	5301	202	180	1592	528757	454943	7275	528757	454943	71827
13	5053	46	262	4840	554504	476231	10201	554504	476231	75446
14	5020	145	251	2534	535144	450772	7950	535144	450772	73498
15	5192	242	257	2606	560511	486764	8297	560511	486764	71549
16	4683	8	137	2727	524134	446339	7555	524134	446339	75168
17	2566	52	143	2695	451188	377353	5456	451188	377353	71827
18	2518	21	182	2475	409147	342213	5196	409147	342213	64867
19	2519	33	140	269	378824	319901	2961	378824	319901	55680
20	2675	25	38	0	351290	302076	2738	351290	302076	47386
21	2912	0	136	1522	339921	285289	4570	339921	285289	52896
22	2718	16	123	1245			4102			
23	2808	4	130	1561			4503			
24	2879	2	77	0			2958			
25	2472	7	102	1717			4798			
26	3149	0	125	2768			5542			

PROCESS ENERGY ANALYSIS - HODSTON AAP

✓	L	M	R	F	G	I	S	C	P	H	X	K	S	C	A	N	A	E	T	G	A	L	C	A	S	Y	C	I	H	D	M	E	N	F	M	R	A	B	T	A	O	S	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YZ	ZA	ZB
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PROCESS ENERGY ANALYSIS INDIANA AAP

	M	F	D	H	C	T	E	N	A	C	P	H	S	X	A	R	G	M	L	N	T	H	I	U	M	G	B	H	M	B	P	H	E
1	OCT	FY75	380	3	1	16659	0	0	0	0	32	0	21861	4837	3515	2735	4208	43399	21893	43399	21893	43399	21893	43399	21893	43399	21893	43399	21893	43399	21893	43399	21893
2	NOV	FY75	671	2	2	18003	0	0	0	0	83	0	37018	5216	3490	3063	5943	60320	37101	60320	37101	60320	37101	60320	37101	60320	37101	60320	37101	60320	37101	60320	37101
3	DIC	FY75	988	0	3	17690	0	0	0	0	58	0	47088	3340	3312	2957	5441	64176	43146	64176	43146	64176	43146	64176	43146	64176	43146	64176	43146	64176	43146	64176	43146
4	JAN	FY75	1016	0	4	18920	0	0	0	0	72	0	54440	4201	3151	3411	4882	77633	54512	77633	54512	77633	54512	77633	54512	77633	54512	77633	54512	77633	54512	77633	54512
5	FEB	FY75	918	0	5	20462	0	0	0	0	113	0	47043	3539	3086	3008	4309	71157	47156	71157	47156	71157	47156	71157	47156	71157	47156	71157	47156	71157	47156	71157	47156
6	MAR	FY75	866	0	6	19975	0	0	0	0	129	0	41218	3641	2840	3081	4045	64963	41347	64963	41347	64963	41347	64963	41347	64963	41347	64963	41347	64963	41347	64963	41347
7	APR	FY75	481	3	7	17133	0	0	0	0	97	0	31432	3202	2712	3369	5666	51864	31529	51864	31529	51864	31529	51864	31529	51864	31529	51864	31529	51864	31529	51864	31529
8	MAY	FY75	78	100	8	15347	0	0	0	0	40	0	5691	4280	2622	3142	5850	25358	5731	25358	5731	25358	5731	25358	5731	25358	5731	25358	5731	25358	5731	25358	5731
9	JUN	FY75	22	222	9	17504	0	0	0	0	0	0	868	3242	2646	3255	6010	21614	868	21614	868	21614	868	21614	868	21614	868	21614	868	21614	868	21614	868
10	JUL	FY75	8	281	10	15289	0	0	0	0	0	0	1066	2677	2544	1732	2788	19032	1066	19032	1066	19032	1066	19032	1066	19032	1066	19032	1066	19032	1066	19032	1066
11	AUG	FY75	0	355	11	16704	0	0	0	0	5	0	1241	2795	1386	2337	2204	20745	1246	20745	1246	20745	1246	20745	1246	20745	1246	20745	1246	20745	1246	20745	1246
12	SEP	FY75	137	71	12	15196	0	0	0	0	18	0	1083	1809	1304	423	1289	18106	1101	18106	1101	18106	1101	18106	1101	18106	1101	18106	1101	18106	1101	18106	1101
13	OCT	FY76	228	14	13	12505	0	0	0	0	23	0	10136	1673	758	293	65	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160
14	NOV	FY76	551	0	14	11832	0	0	0	0	34	0	14621	1673	758	293	65	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160	14855	60129	28160
15	DIC	FY76	992	0	15	11983	0	0	0	0	80	0	29847	1750	744	0	0	43660	29927	64176	43660	29927	64176	43660	29927	64176	43660	29927	64176	43660	29927	64176	43660
16	JAN	FY76	1265	0	16	14674	0	0	0	0	55	0	54557	2014	734	0	0	71300	54612	71300	54612	71300	54612	71300	54612	71300	54612	71300	54612	71300	54612	71300	54612
17	FEB	FY76	754	0	17	14071	0	0	0	0	23	0	29195	329	725	0	0	43618	29218	71157	43618	29218	71157	43618	29218	71157	43618	29218	71157	43618	29218	71157	43618
18	MAR	FY76	564	0	18	5150	0	0	0	0	37	0	20521	1568	722	0	0	27276	20558	64963	27276	20558	64963	27276	20558	64963	27276	20558	64963	27276	20558	64963	27276
19	APR	FY76	363	21	19	10034	0	0	0	0	16	0	8446	1640	712	16	44	20136	8462	51864	20136	8462	51864	20136	8462	51864	20136	8462	51864	20136	8462	51864	20136
20	MAY	FY76	203	15	20	11136	0	0	0	0	5	0	3612	1441	707	76	209	16194	3617	25358	16194	3617	25358	16194	3617	25358	16194	3617	25358	16194	3617	25358	16194
21	JUN	FY76	1	198	21	10742	0	0	0	0	14	0	1456	1555	707	494	123	13767	1470	21614	13767	1470	21614	13767	1470	21614	13767	1470	21614	13767	1470	21614	13767
22	JUL	FY76	0	284	22	11403	0	0	0	0	20	0	792	1286	710	357	89	13501	812	19032	13501	812	19032	13501	812	19032	13501	812	19032	13501	812	19032	13501
23	AUG	FY76	2	205	23	13062	0	0	0	0	26	0	746	1297	753	341	85	12994	772	20745	15131	772	20745	15131	772	20745	15131	772	20745	15131	772	20745	15131
24	SEP	FY76	79	43	24	10147	0	0	0	0	32	0	1182	1433	957	20	130	12994	1214	18106	12994	1214	18106	12994	1214	18106	12994	1214	18106	12994	1214	18106	12994
25	OCT	FY77	503	4	25	11008	0	0	0	0	48	0	8429	1859	973	40	686	21344	8477	25195	21344	8477	25195	21344	8477	25195	21344	8477	25195	21344	8477	25195	21344
26	NOV	FY77	904	0	26	13410	0	0	0	0	39	0	30057	1848	1033	54	921	45354	30096	28160	45354	30096	28160	45354	30096	28160	45354	30096	28160	45354	30096	28160	
27	DIC	FY77	1249	0	27	13073	0	0	0	0	69	0	49909	1816	1033	59	1007	64867	49978	43660	64867	49978	43660	64867	49978	43660	64867	49978	43660	64867	49978	43660	
28	JAN	FY77	1693	0	28	15521	0	0	0	0	32	0	46647	2084	1054	45	796	64284	46679	71300	64284	46679	71300	64284	46679	71300	64284	46679	71300	64284	46679	71300	
29	FEB	FY77	1025	0	29	22272	0	0	0	0	25	0	50043	2105	1074	32	226	74445	50068	43618	74445	50068	43618	74445	50068	43618	74445	50068	43618	74445	50068	43618	
30	MAR	FY77	567	3	30	15000	0	0	0	0	21	0	20131	1832	1211	180	943	36984	20152	27276	36984	20152	27276	36984	20152	27276	36984	20152	27276	36984	20152	27276	
31	APR	FY77	276	45	31	13688	0	0	0	0	43	0	11831	2258	1232	164	450	27820	11874	20136	27820	11874	20136	27820	11874	20136	27820	11874	20136	27820	11874	20136	
32	MAY	FY77	45	226	32	13294	0	0	0	0	26	0	1782	1811	1244	196	539	21416	6048	15194	21416	6048	15194	21416	6048	15194	21416	6048	15194	21416	6048	15194	
33	JUN	FY77	19	212	33	12598	0	0	0	0	0	0	984	1911	1267	61	969	16217	1808	13767	16217	1808	13767	16217	1808	13767	16217	1808	13767	16217	1808	13767	
34	JUL	FY77	0	410	34	12261	0	0	0	0	0	0	0	0	0	690	20295	3245	15156	984	13501	15156	984	13501	15156	984	13501	15156	984	13501	15156	984	
35	AUG	FY77	0	286	35	15034	0	0	0	0	6	0	3239	2016	1257	189	2528	20295	3245	15131	20295	3245	15131	20295	3245	15131	20295	3245	15131	20295	3245	15131	
36	SEP	FY77	30	175	36	14535	0	0	0	0	8	0	2930	2541	1291	198	2724	20014	2918	12994	20014	2918	12994	20014	2918	12994	20014	2918	12994	20014	2918	12994	
37	OCT	FY78	326	0	37	13247	0	0	0	0	34	0	9070	2236	1310	220	1937	21587	9104	21344	24587	9104	21344	24587	9104	21344	24587	9104	21344	24587	9104	21344	
38	NOV	FY78	575	6	38	12041	0	0	0	0	36	0	15768	1869	1337	0	0	29714	15804	45354	29714	15804	45354	29714	15804	45354	29714	15804	45354	29714	15804	45354	
39	DIC	FY78	1104	0	39	15811	0	0	0	0	40	0	44887	2730	1331	55	915	63468	44927	64867	63468	44927	64867	63468	44927	64867	63468	44927	64867	63468	44927	64867	
40	JAN	FY78	1443	0	40	19221	0	0	0	0	52	0	52052	2614	1401	0	0	67741	45906	64284	67741	45906	64284	67741	45906	64284	67741	45906	64284	67741	45906	64284	
41	FEB	FY78	1313	0	41	17133	0	0	0	0	48	0	36377	3255	1403	0	0	71853	52100	74445	71853	52100	74445	71853	52100	74445	71853	52100	74445	71853	52100	74445	
42	MAR	FY78	873	0	42	10336	0	0	0	0	40	0	36377	3255	1403	0	0	50008	36417	36364													

	M	F	H	D	H	C	I	E	A	N	P	G	S	L	M	B	L	U	T	H	M	B	M	H	E
O	N	E	A	D	D	M	E	A	A	P	H	S	A	R	R	T	W	R	T	U	R	J	J		
S	I	R	D	D	D	D	D	C	S	L	G	W	X	S	C	C	S	S	T	S	U	R	J		
51 DEC FY79	944	0	51	15358	0	0	36	0	36558	2567	1472	0	0	54519	36594	63468	54519	0	36594	0	36594	0	15358	0	
52 JAN FY79	1453	0	52	19650	0	0	60	0	43437	2636	1466	401	1194	65783	43497	67741	65783	0	43497	0	43497	0	19650	0	
53 FEB FY79	1288	0	53	18978	0	0	58	0	53316	2124	1479	0	0	75076	53374	71853	75076	0	53374	0	53374	0	18978	0	
54 MAR FY79	665	0	54	15706	0	0	49	0	32102	2892	1455	0	0	50839	32151	50008	50839	0	32151	0	32151	0	15706	0	
55 APR FY79	455	7	55	13804	0	0	14	0	11732	2008	1409	293	1438	27598	11746	23554	27598	0	11746	0	11746	0	13804	0	
56 MAY FY79	170	57	56	11438	0	0	10	0	3023	2090	1357	0	0	16561	3033	24434	16561	0	3033	0	3033	0	11438	0	
57 JUN FY79	5	197	57	11252	0	0	10	0	1235	2436	1347	0	0	14933	1245	17287	14933	0	1245	0	1245	0	11252	0	
58 JUL FY79	3	255	58	10684	0	0	12	0	431	1606	1344	0	0	12823	443	16565	12823	0	443	0	443	0	10684	0	
59 AUG FY79	13	250	59	13305	0	0	20	0	705	2452	1330	43	951	16482	725	18385	16482	0	725	0	725	0	13305	0	
60 SEP FY79	87	92	60	11472	0	0	39	0	1031	1958	1327	0	0	14500	1070	20009	14500	0	1070	0	1070	0	11472	0	
61 OCT FY80	384	24	61	11832	0	0	24	0	6763	2362	1330	0	0	20381	6787	29779	20381	0	6787	0	6787	0	11832	0	
62 NOV FY80	705	0	62	11948	0	0	36	0	18500	2376	1330	0	0	32810	18536	31482	32810	0	18536	0	18536	0	11948	0	
63 DEC FY80	929	0	63	13665	0	0	29	0	22106	2163	1327	0	0	37963	22135	54519	37963	0	22135	0	22135	0	13665	0	
64 JAN FY80	1123	0	64	17133	0	0	65	0	26451	2016	1313	0	0	31278	45665	26516	65783	45665	0	26516	0	26516	0	17133	0
65 FEB FY80	1224	0	65	16866	0	0	53	0	48138	2066	1330	0	0	29125	67923	48191	75076	67923	0	48191	0	48191	0	16866	0
66 MAR FY80	893	0	66	18641	0	0	53	0	26515	1869	1404	194	960	30497	47078	26568	50839	47078	0	26568	0	26568	0	18641	0
67 APR FY80	474	3	67	14860	0	0	50	0	11487	1606	1398	2	0	31124	27953	11487	27958	27953	0	11487	0	11487	0	14860	0
68 MAY FY80	93	68	68	13050	0	0	50	0	3134	2074	1422	0	0	31864	18264	3140	16561	18264	0	3140	0	3140	0	13050	0
69 JUN FY80	36	168	69	14662	0	0	50	0	1089	1838	1440	0	0	31748	17594	1094	14973	17594	0	1094	0	1094	0	14662	0
70 JUL FY80	0	425	70	16681	0	0	0	0	781	1407	1448	132	612	32809	18869	781	12823	18869	0	781	0	781	0	16681	0
71 AUG FY80	0	368	71	17504	0	0	0	0	839	2472	1442	654	1592	32200	20475	839	16482	20475	0	839	0	839	0	17504	0
72 SEP FY80	45	139	72	16368	0	0	20	0	1421	1927	1460	67	1122	33293	19618	1423	14500	19618	0	1423	0	1423	0	16368	0
73 OCT FY81	438	6	73	14245	0	0	27	0	5113	2669	1463	0	0	36425	22054	5140	20981	22054	0	5140	0	5140	0	14245	0
74 NOV FY81	734	0	74	14071	0	0	41	0	15160	2104	1497	0	0	30152	31376	15201	32810	31376	0	15201	0	15201	0	14071	0
75 DEC FY81	1022	0	75	16658	0	0	23	0	37430	2385	1497	0	0	34546	56496	37453	37963	56496	0	37453	0	37453	0	16658	0
76 JAN FY81	1279	0	76	20277	0	0	55	0	40256	2510	1540	0	0	34561	63098	40311	45665	63098	0	40311	0	40311	0	20277	0
77 FEB FY81	889	0	77	20439	0	0	89	0	35934	2377	1545	60	1662	31592	58839	36023	67923	58839	0	36023	0	36023	0	20439	0
78 MAR FY81	769	1	78	18258	0	0	30	0	26095	2549	1548	70	1958	34880	46932	26125	47078	46932	0	26125	0	26125	0	18258	0
79 APR FY81	244	23	79	13201	0	0	0	0	3756	2127	1554	69	1880	34884	19084	3756	27953	19084	0	3756	0	3756	0	13201	0
80 MAY FY81	180	29	80	12737	0	0	0	0	4937	2172	1555	106	1510	32998	19846	4937	18264	19846	0	4937	0	4937	0	12737	0
81 JUN FY81	1	255	81	13700	0	0	4	0	476	2011	1567	67	1563	34126	16191	480	17594	16191	0	480	0	480	0	13700	0
82 JUL FY81	1	332	82	13908	0	0	0	0	811	1875	1568	75	1700	34178	16594	811	18869	16594	0	811	0	811	0	13908	0
83 AUG FY81	0	249	83	14570	0	0	0	0	717	1935	1604	77	1824	34833	17222	717	20475	17222	0	717	0	717	0	14570	0
84 SEP FY81	94	88	84	13096	0	0	0	0	329	2010	1611	95	2244	34462	15435	329	19618	15435	0	329	0	329	0	13096	0
85 OCT FY82	368	5	85	11960	0	0	48	0	8178	2280	1618	107	2531	35126	22466	8226	22054	22466	0	8226	0	8226	0	11960	0
86 NOV FY82	621	0	86	15753	0	0	0	0	15095	2104	1619	91	2135	32174	32952	15095	31376	32952	0	15095	0	15095	0	15753	0
87 DEC FY82	1146	0	87	17295	0	0	53	0	33252	2797	1616	94	2267	37948	53398	33305	56496	53398	0	33305	0	33305	0	17295	0
88 JAN FY82	1388	0	88	22887	0	0	124	0	45969	3097	1609	85	2243	37004	72077	46093	63098	82794	7	56770	7	56770	7	22887	0
89 FEB FY82	1075	0	89	20787	0	0	25	0	31891	2801	1613	88	2332	32151	55504	31916	58839	63773	8	40185	8	40185	8	20787	0
90 MAR FY82	690	0	90	17690	0	0	34	0	27317	2648	1614	110	2628	37417	47689	27351	46932	52907	1	32659	1	32659	1	17690	0
91 APR FY82	486	0	91	17539	0	0	18	0	1714	2452	1609	131	2181	34818	11723	11732	19084	35461	7	15470	7	15470	7	17539	0
92 MAY FY82	26	146	92	14941	0	0	5	0	1922	2066	1607	134	2173	33120	18934	1927	19846	19255	9	2127	0	2127	0	14941	0
93 JUN FY82	18	109	93	14396	0	0	0	0	1947	2242	1606	127	2490	36635	18585	1647	16191	18814	5	2085	5	2085	5	14396	0
94 JUL FY82	0	156	94	15254	0	0	0	0	145	1535	1601	50	1060	33862	16934	145	16594	17211	3	145	0	145	0	15254	0
95 AUG FY82	2	1	95	16333	0	0	0	0	571	1954	1599	94	2099	36212	18858	571	17222	19052	1	586	4	586	4	16333	0
96 SEP FY82	110	1	96	15602	0	0	0	0	2256	2103	1589	82	1879	34826	19961	2256	15435	20889	0	3102	2	3102	2	15602	0

10:23 TUESDAY, JULY 19, 1983

PROCESS ENERGY ANALYSIS - IOWA AAF

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OBS	MONTH	FYEAR	MBTU	ELEC	NAIGAS	COAL	FSX	FSG	MOGAS	TIME	HDD	LBRFCR	EXPLBS	ECAM	HTGMBTU	MBTUADJ	HTGADJ
1	OCT	FY75	109898	1455	77571	0	381	1529	689	1	327	1512		0	89403	109898	89403
2	NOV	FY75	156761	1800	71573	41835	520	2499	711	2	755	1534		0	132148	156761	132148
3	DEC	FY75	174669	1460	56635	81016	373	2401	536	3	1099	1462		0	154919	174669	154919
4	JAN	FY75	106710	1624	57311	13568	396	1834	601	4	1194	1383		0	84716	106710	84716
5	FEB	FY75	189699	1535	47236	112134	437	1207	455	5	1106	1299		0	169504	189699	169504
6	MAR	FY75	209616	1566	69535	108127	335	1497	462	6	1002	1279		0	189025	209616	189025
7	APR	FY75	133750	1301	68607	30946	1830	930	495	7	525	1302		0	116060	133750	116060
8	MAY	FY75	70943	1033	50093	0	570	418	556	8	84	1361		0	56041	70943	56041
9	JUN	FY75	71869	2033	42842	0	304	186	477	9	11	1405		0	45782	71869	45782
10	JUL	FY75	79071	2333	45147	0	313	332	562	10	6	1544		0	49058	79071	49058
11	AUG	FY75	86477	2352	50117	0	605	393	587	11	1	1458		0	56112	86477	56112
12	SEP	FY75	78913	2314	0	11159	12377	1448	568	12	151	1408		0	49640	78913	49640
13	OCT	FY76	121847	2285	0	0	7980	502	463	13	292	1322		0	92359	121847	92359
14	NOV	FY76	151242	2391	0	106675	362	1946	474	14	587	1294		0	121018	151242	121018
15	DEC	FY76	182192	2400	0	134158	401	2499	409	15	1072	1255		0	152205	182192	152205
16	JAN	FY76	200361	2371	0	143031	715	3645	523	16	1357	1281		0	170112	200361	170112
17	FEB	FY76	161870	2189	0	113879	392	2848	459	17	805	1303		0	134068	161870	134068
18	MAR	FY76	157618	2381	0	109823	423	2428	466	18	697	1322		0	127552	157618	127552
19	APR	FY76	124527	1862	0	88045	475	1477	539	19	358	1326		0	100098	124527	100098
20	MAY	FY76	94638	1901	0	60688	266	1271	442	20	212	1356		0	70228	94638	70228
21	JUN	FY76	67604	1805	0	0	369	6771	371	21	11	1346		0	44719	67604	44719
22	JUL	FY76	79024	2012	0	0	265	8164	536	22	0	1386		0	52871	79024	52871
23	AUG	FY76	65797	2011	0	0	302	6107	441	23	4	1355		0	40154	65797	40154
24	SEP	FY76	46801	1498	0	0	3274	1377	323	24	101	1351		0	27728	46801	27728
25	OCT	FY77	94347	1632	0	0	12194	351	415	25	553	1336		57.4	73237	94898	73787
26	NOV	FY77	123570	1632	0	0	12925	4392	331	26	971	1300	36576	57.4	102901	124537	103867
27	DEC	FY77	193308	1632	0	0	17503	11075	532	27	1330	1295	54000	57.4	171583	194632	172908
28	JAN	FY77	217896	1738	0	0	20491	12027	526	28	1724	1318	72000	57.4	194974	219612	196690
29	FEB	FY77	169780	1738	0	0	10389	13796	451	29	1020	1338	72252	57.4	147251	170796	148267
30	MAR	FY77	134971	1737	0	0	6283	12073	442	30	628	1370	72882	57.4	112501	135590	113121
31	APR	FY77	122952	1578	0	0	407	15797	564	31	262	1374	72126	57.4	101687	123213	101947
32	MAY	FY77	69251	1578	0	0	153	7611	420	32	51	1395	77580	57.4	48742	69302	48792
33	JUN	FY77	65019	1577	0	1106	127	6746	470	33	15	1400	74574	57.4	44258	65034	44273
34	JUL	FY77	74761	1776	0	0	176	8018	519	34	0	1385	105312	57.4	51434	74761	51434
35	AUG	FY77	65833	1776	0	0	147	6725	399	35	8	1318	85122	57.4	43136	65841	43144
36	SEP	FY77	78415	1776	0	786	260	8378	541	36	47	1272	102168	57.4	54973	80922	57049
37	OCT	FY78	109629	1709	0	29520	3218	6259	417	37	381	1223	99180	346.4	87615	112785	90339
38	NOV	FY78	126609	1574	0	1475	7738	9466	436	38	738	1201	88831	346.4	106062	130457	109478
39	DEC	FY78	210302	1623	0	0	15910	15376	520	39	1285	1165	41526	346.4	189345	215812	193822
40	JAN	FY78	184028	1718	0	0	13083	13604	450	40	1604	1161	49986	346.4	161737	189557	166833
41	FEB	FY78	177736	1488	0	0	12121	13923	445	41	1365	1131	44442	346.4	158139	182801	162772
42	MAR	FY78	176868	1469	0	0	9795	15910	523	42	984	1086	56592	346.4	157082	181194	160976
43	APR	FY78	98705	1123	0	0	3071	10436	415	43	392	1077	24968	346.4	83500	101882	86245
44	MAY	FY78	73178	1219	0	0	1824	7359	409	44	199	1082	94356	346.4	56891	75980	59261
45	JUN	FY78	39345	1142	0	615	386	3284	493	45	17	1091	90792	346.4	23510	41794	25527
46	JUL	FY78	37685	1248	0	442	410	2908	399	46	0	1114	90198	346.4	21113	40101	23097
47	AUG	FY78	40886	1402	0	0	298	3247	471	47	5	1114	82386	346.4	22150	43312	24144
48	SEP	FY78	44387	1267	0	0	565	3743	546	48	53	1106	72090	346.4	26823	46917	28921
49	OCT	FY79	83374	1392	0	0	4605	6231	234	49	391	1141	90000	357.7	65998	86628	60821
50	NOV	FY79	111122	1392	0	0	194	14607	383	50	731	1144	126000	357.7	92864	115105	96516
51	DEC	FY79	179626	1498	0	0	1664	23832	519	51	1210	1150	132660	357.7	159525	184636	164103
52	JAN	FY79	178211	1718	0	0	5343	19895	396	52	1692	1157	109980	357.7	156203	184254	161814
53	FEB	FY79	176127	1536	0	0	4892	20258	467	53	1377	1168	132060	357.7	158858	181495	160794
54	MAR	FY79	177301	1517	0	0	2353	22767	545	54	854	1166	99152	357.7	156842	181548	160657
55	APR	FY79	103076	1392	0	0	296	13205	416	55	515	1179	122310	357.7	84744	106596	87832
56	MAY	FY79	47836	1315	0	0	204	4646	416	56	162	1180	178810	357.7	30398	50600	32729

OBS	MONTH	FYEAR	MBTU	ELEC	NATGAS	COAL	FSX	FS6	MOGAS	TIME	HDD	LBRFR	EXPLBS	ECAM	HTGMBTU	MBTUADJ	HTGADJ
57	JUN	FY79	46649	1334	0	0	251	4326	479	57	5	1142	229817	357.7	28660	49076	30655
58	JUL	FY79	44469	1440	14848	0	232	1559	336	58	2	1150	182765	357.7	26001	46890	27989
59	AUG	FY79	44844	1517	21911	0	275	249	413	59	18	1158	73521	357.7	25078	47295	27097
60	SEP	FY79	40842	1258	21266	0	173	285	416	60	54	1163	91556	357.7	24066	44698	27490
61	OCT	FY80	91455	1421	65685	0	198	993	360	61	359	1137	76131	386.1	73081	96035	77230
62	NOV	FY80	137371	1459	104943	0	251	1866	440	62	762	1133	161226	386.1	118137	142908	123241
63	DEC	FY80	159324	1415	126992	0	229	2050	323	63	1004	1142	176050	386.1	141214	165435	146893
64	JAN	FY80	172139	1766	133992	0	252	2301	329	64	1238	1148	494944	386.1	149926	178806	156161
65	FEB	FY80	159370	1546	117587	0	377	3106	405	65	1240	1153	445749	386.1	139310	166041	145550
66	MAR	FY80	152925	1574	118897	0	277	2002	299	66	925	1121	466622	386.1	133097	158849	138589
67	APR	FY80	109563	1382	80983	0	313	1468	285	67	460	1138	143976	386.1	92036	114383	96423
68	MAY	FY80	54748	1315	29857	0	344	891	387	68	124	1149	134594	386.1	37463	58770	41053
69	JUN	FY80	45913	1469	22363	0	253	558	291	69	18	1091	189629	386.1	27345	49684	30684
70	JUL	FY80	40567	1536	17387	0	243	379	298	70	0	1093	155900	386.1	21185	44295	24481
71	AUG	FY80	40267	1498	16987	0	252	424	337	71	0	1043	193900	386.1	21121	43985	24417
72	SEP	FY80	14145	1450	20420	0	147	338	233	72	80	1009	205433	386.1	23401	46083	27607
73	OCT	FY81	86528	1392	60091	0	407	984	330	73	447	999	186977	2438.1	68648	95339	77027
74	NOV	FY81	121323	1450	92259	0	156	1600	243	74	704	996	140375	2438.1	103227	133057	114529
75	DEC	FY81	152116	1613	111834	0	253	2973	268	75	1226	995	151638	2438.1	131999	169786	149237
76	JAN	FY81	162072	1430	125770	0	261	2646	297	76	1193	1032	334351	2438.1	143926	179367	160788
77	FEB	FY81	142036	1469	101565	0	296	3208	293	77	991	1051	518556	2438.1	123458	157033	138023
78	MAR	FY81	123643	1555	91356	0	244	1799	289	78	706	1063	594066	2438.1	104088	135399	115412
79	APR	FY81	68799	1258	45923	0	196	903	279	79	260	1093	600920	2438.1	52742	75484	58995
80	MAY	FY81	48264	1162	27105	0	187	827	265	80	222	1054	700009	2438.1	33394	54516	39214
81	JUN	FY81	39616	1382	16919	0	290	557	281	81	0	1031	764752	2438.1	22110	43344	25406
82	JUL	FY81	37976	1440	15141	0	259	514	265	82	9	976	516262	2438.1	19881	41806	23280
83	AUG	FY81	33547	1306	12983	0	259	420	241	83	2	966	399339	2438.1	17132	37298	20451
84	SEP	FY81	26873	989	13401	0	111	58	188	84	78	958	155368	2438.1	14412	35235	22342
85	OCT	FY82	79767	1238	58730	0	226	638	257	85	422	922	401324	3330.6	64058	92107	75966
86	NOV	FY82	103504	1402	76612	0	192	1324	226	86	638	937	391856	3330.6	86054	118343	100461
87	DEC	FY82	151942	1584	116006	0	312	2276	273	87	1165	941	357575	3330.6	132133	172876	152635
88	JAN	FY82	195099	1642	137764	0	370	5531	259	88	1581	951	349686	3330.6	174693	220845	200007
89	FEB	FY82	153983	1622	113162	0	364	2935	273	89	1125	956	310282	3330.6	133735	174455	153774
90	MAR	FY82	148543	1718	114168	0	249	1825	290	90	900	953	251748	3330.6	127092	166412	144529
91	APR	FY82	94339	1382	69178	0	223	1021	269	91	558	881	280634	3330.6	76896	108252	90378
92	MAY	FY82	38726	1142	21294	0	150	338	226	92	54	880	324962	3330.6	24293	33010	31945
93	JUN	FY82	31792	1219	13099	0	178	353	247	93	35	886	354409	3330.6	16355	39556	23788
94	JUL	FY82	30882	1315	12204	0	118	245	228	94	0	888	365859	3330.6	14432	38342	21459
95	AUG	FY82	33907	1363	14122	0	164	299	217	95	20	886	297053	3330.6	16957	41598	24216
96	SEP	FY82	32237	1190	14416	0	156	299	234	96	114	889	283359	3330.6	17205	41015	25551

OBS	MONTH	YEAR	HRD	CDD	TIME	ELEC	NATGAS	COAL	PGS	HW	FSX	MOGAS	LBRRIC	MBTU	HCMBTU	MBTUTYR	MBTUTADJ	HIGADJ
1	OCT	FY75	384	12	1	63150	102886	0	12510	0	38304	71	1196	216921	151760		216921	153700
2	NOV	FY75	724	0	2	63348	100584	0	12510	0	158088	117	1203	334747	271282		334747	271282
3	DEC	FY75	1072	0	3	72778	90824	0	12079	0	136752	75	1210	312308	239455		312308	239455
4	JAN	FY75	1160	0	4	71163	123870	0	4339	0	225162	97	1051	424831	343371		424831	343371
5	FEB	FY75	1078	0	5	59670	108139	0	9510	0	116844	78	1029	294241	234493		294241	234493
6	MAR	FY75	951	0	6	61074	107427	0	0	0	84252	69	1033	252822	191679		252822	191679
7	APR	FY75	643	0	7	63034	107644	0	1203	0	65814	73	1056	237768	174661		237768	174661
8	MAY	FY75	152	76	8	65273	73600	0	6733	0	73290	81	1097	218977	153623		218977	153623
9	JUN	FY75	30	203	9	58348	75747	0	8452	0	27258	67	1102	169772	111357		169772	111357
10	JUL	FY75	1	332	10	66375	51673	0	20415	0	122717	4214	1080	265894	195305		265894	195305
11	AUG	FY75	0	358	11	58255	52660	0	23683	0	24104	3551	909	162253	100447		162253	100447
12	SEP	FY75	147	46	12	67257	65535	0	0	0	34935	2776	881	170503	100470		170503	100470
13	OCT	FY76	303	24	13	57316	62288	0	24462	0	118708	3591	846	266365	205458	216921	266365	205458
14	NOV	FY76	531	1	14	57490	79375	0	31858	0	47584	2980	830	219307	158627	334747	219307	158627
15	DEC	FY76	1033	0	15	52142	99276	0	34642	0	30384	2597	822	219041	164302	312308	219041	164302
16	JAN	FY76	1392	0	16	58766	100480	0	20989	0	114338	3904	765	299077	236407	424831	299077	236407
17	FEB	FY76	859	0	17	49184	103562	0	15563	0	27416	2815	635	198561	146561	294241	198561	146561
18	MAR	FY76	681	0	18	47885	93611	0	332	0	27913	2422	580	172163	121856	252822	172163	121856
19	APR	FY76	411	36	19	29835	66284	0	0	0	3426	2420	487	101965	69710	237768	101965	69710
20	MAY	FY76	285	6	20	15532	48257	0	0	0	3148	1813	479	68750	51405	218977	68750	51405
21	JUN	FY76	17	178	21	19766	35930	0	0	0	3017	1603	473	60316	38947	169772	60316	38947
22	JUL	FY76	0	286	22	17684	42793	0	0	0	310	1653	453	62440	41103	265894	62440	41103
23	AUG	FY76	9	196	23	17783	40833	0	0	0	116	1653	433	60385	40949	162253	60385	40949
24	SEP	FY76	119	56	24	15377	37145	0	0	0	765	1653	433	54940	37910	170503	54940	37910
25	OCT	FY77	522	8	25	14791	41053	0	0	0	559	1415	420	58318	41612	266365	58318	41612
26	NOV	FY77	973	0	26	17230	66443	0	0	0	1793	1915	416	87381	69236	219107	87381	69236
27	DEC	FY77	1408	0	27	17745	73237	0	11	0	3416	1915	413	96313	76653	219041	96313	76653
28	JAN	FY77	1679	0	28	20090	70740	0	0	0	4044	1870	431	103693	86955	299077	103693	86955
29	FEB	FY77	1060	0	29	14868	85079	0	0	0	1876	1870	431	103693	86955	198561	103693	86955
30	MAR	FY77	616	0	30	17203	33355	0	0	0	2504	1870	466	54932	36859	172163	54932	36859
31	APR	FY77	332	39	31	15887	34954	0	0	0	615	1847	491	51301	36569	101965	51301	36569
32	MAY	FY77	115	191	32	21681	51770	0	18554	0	1440	1847	486	95292	71764	68750	95292	71764
33	JUN	FY77	41	178	33	22240	45953	0	14861	0	404	1847	487	85305	61718	60316	85305	61718
34	JUL	FY77	0	395	34	22650	37705	0	18890	0	0	1645	440	80890	56595	62440	80890	56595
35	AUG	FY77	8	229	35	18373	36345	0	5077	0	0	1645	408	61440	41422	60385	61440	41422
36	SEP	FY77	42	76	36	13557	34250	0	0	0	0	1556	382	51230	36206	58318	51230	36206
37	OCT	FY78	413	0	37	13468	36206	0	0	0	0	1556	382	62679	50217	87381	62679	50217
38	NOV	FY78	741	0	38	10906	49058	0	0	0	1159	1556	350	49452	34250	96313	49452	34250
39	DEC	FY78	1254	0	39	20004	59622	0	0	0	1247	1556	342	82429	60869	96313	82429	60869
40	JAN	FY78	1521	0	40	16526	66489	0	0	0	431	1746	327	85192	66920	96744	85192	66920
41	FEB	FY78	1346	0	41	13287	64125	0	0	0	608	1746	315	79766	64733	101693	79766	64733
42	MAR	FY78	1020	0	42	13515	56130	0	0	0	640	1746	309	72031	56770	54932	72031	56770
43	APR	FY78	518	0	43	10959	43795	0	0	0	417	1520	306	56691	44212	53303	56691	44212
44	MAY	FY78	264	60	44	12460	31968	0	0	0	59	1520	302	46007	32027	95292	46007	32027
45	JUN	FY78	46	132	45	10897	26168	0	0	0	119	1520	304	38734	26317	85305	38734	26317
46	JUL	FY78	1	227	46	11413	22598	0	0	0	0	1409	314	35420	22598	80890	35420	22598
47	AUG	FY78	4	243	47	11387	24925	0	0	0	0	1409	314	37721	24925	61440	37721	24925
48	SEP	FY78	59	181	48	10464	21067	0	0	0	0	1409	336	32940	21067	49452	32940	21067
49	OCT	FY79	418	2	49	11442	26251	0	0	0	113	1654	326	39460	26364	62679	39460	26364
50	NOV	FY79	718	0	50	11780	28893	0	0	0	595	1654	326	42922	29488	62679	42922	29488
51	DEC	FY79	1206	0	51	12862	34563	0	0	0	997	1654	327	50076	35560	82429	50076	35560
52	JAN	FY79	1622	0	52	15511	39964	0	0	0	776	2168	330	58419	40740	85192	58419	40740
53	FEB	FY79	1360	0	53	13431	44512	0	0	0	698	2168	333	60809	45210	79766	60809	45210
54	MAR	FY79	879	0	54	13486	39208	0	0	0	716	2168	363	55578	39924	72031	55578	39924
55	APR	FY79	580	2	55	11961	34611	0	0	0	417	1704	363	48693	35028	56691	48693	35028
56	MAY	FY79	233	61	56	9262	26005	0	0	0	21	1704	387	36942	26026	46007	36942	26026

PROCESS ENERGY ANALYSIS - JOLLY A&P

ONS	MONTH	FYEAR	HDD	CDD	TIME	ETC	NATGAS	COAL	PPG	IW	TSX	MCGAS	LRPFC	MBTU	HEGMBTU	MBTU/YR	MBTUADJ	HEGADJ
57	JUN	FY79	30	164	57	8908	20928	0	0	0	0	1704	391	31540	20928	38734	31540	20928
58	JUL	FY79	16	241	58	9409	19344	0	0	0	208	1562	390	30823	19852	35420	30823	19852
59	AUG	FY79	19	213	59	9330	16826	0	0	0	0	1562	333	27718	16826	37721	27718	16826
60	SEP	FY79	62	99	60	8178	21482	0	0	0	0	1562	329	31222	21482	32940	31222	21482
61	OCT	FY80	382	26	61	10757	21482	0	0	0	109	1696	332	34044	21591	39460	34044	21591
62	NOV	FY80	722	0	62	11147	30535	0	0	0	282	1696	330	43060	30817	42922	43660	30817
63	DEC	FY80	967	0	63	12321	30020	0	0	0	570	1696	331	44607	30590	50076	44607	30590
64	JAN	FY80	1281	0	64	11395	43021	0	0	0	902	1398	326	58716	43921	58419	58716	43921
65	FEB	FY80	1254	0	65	12518	32172	0	0	0	23	1398	325	46111	32195	60809	46111	32195
66	MAR	FY80	995	0	66	17092	27800	0	0	0	335	1398	341	42625	28135	55578	42625	28135
67	APR	FY80	558	10	67	11100	28842	0	0	0	608	1418	342	41968	29450	48693	41968	29450
68	MAY	FY80	198	43	68	9411	22376	0	0	0	547	1418	359	33752	22923	36992	33752	22923
69	JUN	FY80	83	101	69	9614	23836	0	0	0	152	1418	358	35020	23988	31540	35020	23988
70	JUL	FY80	0	338	70	9884	9771	0	0	0	114	1328	358	21097	9885	30823	21097	9885
71	AUG	FY80	3	342	71	9479	0	0	0	0	67	1328	338	10874	67	27718	10874	67
72	SEP	FY80	71	107	72	10156	2622	0	0	0	10	1328	331	14116	2632	31222	14116	2632
73	OCT	FY81	511	2	73	10196	23814	0	0	0	233	1388	329	35631	24047	34044	35631	24047
74	NOV	FY81	746	0	74	9234	20426	0	0	0	2068	1126	328	32854	22494	43660	32854	22494
75	DEC	FY81	1140	0	75	14059	26773	0	0	0	2039	1569	327	44440	28812	44607	44440	28812
76	JAN	FY81	1308	0	76	12342	26372	0	0	0	2394	1389	323	42497	28766	58716	42497	28766
77	FEB	FY81	1031	0	77	11867	24843	0	0	0	1136	1232	310	39078	25979	46111	39078	25979
78	MAR	FY81	846	0	78	12110	23427	0	0	0	2907	1499	307	39883	26134	42625	39883	26134
79	APR	FY81	397	9	79	10486	22362	0	0	0	914	1237	306	34999	23276	41968	34999	23276
80	MAY	FY81	313	20	80	12296	19740	0	0	0	396	1199	313	33631	20136	33752	33631	20136
81	JUN	FY81	6	157	81	11124	0	0	0	0	169	1477	321	12730	169	35020	12730	169
82	JUL	FY81	8	248	82	9756	0	0	0	0	0	1502	320	11258	0	21097	11258	0
83	AUG	FY81	6	204	83	9257	0	0	0	0	1683	1471	320	12411	1683	10874	12411	1683
84	SEP	FY81	135	44	84	8804	5987	0	0	0	181	1326	325	16298	6168	14116	16298	6168
85	OCT	FY82	489	0	85	10324	25022	0	0	0	70	1479	322	36895	25092	35631	36895	25092
86	NOV	FY82	719	0	86	11345	22843	0	0	0	1817	1288	323	37293	24660	32854	37293	24660
87	DEC	FY82	1236	0	87	12018	25475	0	0	0	2284	1441	321	41218	27759	44440	41218	27759
88	JAN	FY82	1632	0	88	12864	37856	0	0	0	2195	1652	317	54568	40052	42497	55262	40746
89	FEB	FY82	1213	0	89	11681	24983	0	0	0	2237	1493	314	40394	27220	39078	40394	27220
90	MAR	FY82	922	0	90	13050	26585	0	0	0	2383	1508	309	43526	28968	39883	43526	28968
91	APR	FY82	608	0	91	10521	24542	0	0	0	2301	1344	311	38708	26241	34999	38708	26241
92	MAY	FY82	93	79	92	8503	17670	0	0	0	565	1171	314	27909	18235	33631	27909	18235
93	JUN	FY82	118	38	93	9535	0	0	0	0	262	1301	325	11098	262	12730	11098	262
94	JUL	FY82	7	295	94	9199	0	0	0	0	157	1207	325	10563	157	11258	10563	157
95	AUG	FY82	37	161	95	9825	0	0	0	0	245	2296	314	12366	245	12411	12366	245
96	SEP	FY82	152	69	96	9292	10487	0	0	0	856	1148	316	21783	11343	16298	21783	11343

[illegible]

[illegible]

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OBS	MONTH	FYEAR	HHH	COO	TIME	CLFC	NATGAS	COAL	PPG	HW	F5X	MUGAS	LBRRIC	NHMI	WT1
1	OCT	FY75	32	77	1	18920	67426	0	0	0	0	3195	2318	88	1265
2	NOV	FY75	312	35	2	19059	84534	0	0	0	1214	3018	2267	38	126
3	DEC	FY75	541	0	3	16089	76400	0	0	0	31230	3164	2308	53	122
4	JAN	FY75	473	23	4	18606	75699	0	0	0	34468	3363	2237	73	172
5	FEB	FY75	457	0	5	17841	67358	0	0	0	36167	3019	2132	60	276
6	MAR	FY75	305	21	6	16658	83662	0	0	0	19054	2075	2048	75	398
7	APR	FY75	124	91	7	16716	70913	0	0	0	1264	3132	2021	164	1099
8	MAY	FY75	0	238	8	18943	49912	0	0	0	0	3477	2016	110	733
9	JUN	FY75	0	403	9	19268	39702	0	0	0	0	2758	1984	374	1148
10	JUL	FY75	0	501	10	18931	34581	0	0	0	0	2531	1968	55	293
11	AUG	FY75	0	493	11	21100	24704	0	0	0	0	3562	1988	43	199
12	SEP	FY75	4	271	12	18073	26549	0	0	0	0	0	2712	29	231
13	OCT	FY76	39	141	13	14001	41423	0	0	0	0	3607	2018	30	372
14	NOV	FY76	286	34	14	13259	67128	0	0	0	1130	2743	1906	9	178
15	DEC	FY76	492	12	15	12760	59537	0	0	0	47211	2831	1852	1	103
16	JAN	FY76	551	2	16	15532	28933	0	0	0	85167	3488	1755	1	103
17	FEB	FY76	186	26	17	15289	67133	0	0	0	28047	2615	1619	1	133
18	MAR	FY76	202	58	18	13166	72383	0	0	0	0	2454	1486	1	105
19	APR	FY76	38	116	19	13468	30419	0	0	0	0	2821	1366	1	104
20	MAY	FY76	17	112	20	12528	24776	0	0	0	0	2138	1331	1	57
21	JUN	FY76	0	326	21	13247	21672	0	0	0	0	1976	1304	1	146
22	JUL	FY76	0	428	22	14987	21195	0	0	0	0	2087	1262	1	103
23	AUG	FY76	0	432	23	16391	22321	0	0	0	73	2448	1261	1	103
24	SEP	FY76	0	288	24	16089	20801	0	0	0	228	2029	1232	1	125
25	OCT	FY77	199	48	25	12130	35587	0	0	0	33584	2313	1185	3	295
26	NOV	FY77	471	7	26	12612	15049	0	0	0	45218	2228	1182	3	253

OBS	THM2	WT2	NHMI2	WT3	HOURS	NRHTU	HTCHRTU	NRHTVR	UNITS	TOTWT	NRTHADJ	HTGADJ	FLECADJ
1	443	350	11504	115		90141	67426		12035	1730	90141	67426	18920.0
2	320	727	9359	94		107825	85748		9717	947	107825	85748	19059.0
3	483	1016	8903	89		126883	107630		9439	1227	126883	107630	16089.0
4	444	991	9076	91		132136	110167		9593	1254	132136	110167	18606.0
5	314	534	9457	95		124385	103525		9831	905	124385	103525	17841.0
6	328	318	6215	62		122349	102716		6618	778	122349	102716	16658.0
7	475	353	3650	37		92025	72177		4289	1489	92025	72177	16716.0
8	354	333	3778	52		72332	49912		4242	1118	72332	49912	18943.0
9	457	395	3177	51		61728	39702		4008	1594	61728	39702	19268.0
10	421	288	2691	27		56043	34581		3167	608	56043	34581	18931.0
11	345	269	5811	58		49366	24704		6199	526	49366	25954	21100.0
12	210	309	6253	112		47334	26549		6492	652	48649	27864	18073.0
13	294	359	7747	128		59031	41423	90747	8071	864	60911	43303	14001.0
14	94	157	6491	65		84260	68258	107825	6594	400	90129	74127	13259.0
15	107	106	6745	112		122339	106748	126883	6853	321	131535	115944	12760.0
16	203	143	5767	58		133115	114095	132136	5971	304	143264	124244	15532.0
17	124	150	2996	30		113084	95180	124385	3121	313	117338	99474	15289.0
18	219	219	2754	28		88003	72383	122349	2974	352	92516	76896	13166.0
19	86	74	3020	30		46708	30419	92025	3107	208	48572	32283	13468.0
20	80	48	2862	29		39442	24776	72332	2943	134	47341	32675	12528.0
21	96	62	1954	19		36845	21672	61728	2051	227	44470	29297	13247.0
22	62	60	1214	12		38269	21195	56043	1775	196	45894	28820	14987.0
23	60	66	1644	27		41233	22394	49366	1705	196	48658	30019	16391.0
24	48	44	2015	24		39197	21079	47334	2064	193	46822	28704	16089.0
25	48	15	2385	39		83669	69176	59031	2436	349	88133	73640	12180.0
26	20	38	1837	35		75127	60267	84260	1860	326	83984	69124	12632.0

QBS	MONTH	FYEAR	HDD	CUD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MKGAS	LRRFC	NUM1	WT1
27	DEC	FY77	574	0	27	12830	11207	0	0	0	59995	2434	1186	2	172
28	JAN	FY77	851	0	28	11645	15420	0	0	0	72277	2248	1266	28	238
29	FEB	FY77	399	7	29	12134	7101	0	0	0	54526	2001	1288	56	762
30	MAR	FY77	188	28	30	11020	5238	0	0	0	43619	2064	1330	61	878
31	APR	FY77	46	64	31	12864	1952	0	0	0	34445	2564	1433	57	730
32	MAY	FY77	0	289	32	14233	1153	0	0	0	21341	2173	1575	61	951
33	JUN	FY77	0	443	33	17226	993	0	0	0	19146	2093	1625	65	1192
34	JUL	FY77	0	580	34	17493	983	0	0	0	17875	2882	1717	65	1672
35	AUG	FY77	0	479	35	18966	626	0	0	0	19191	2377	1753	77	1959
36	SEP	FY77	0	414	36	17528	965	0	0	0	18103	3007	1778	74	2272
37	OCT	FY77	72	119	37	14535	2549	0	0	0	28098	2637	1813	74	2204
38	NOV	FY78	260	12	38	14106	4306	0	0	0	41314	2282	1788	58	2232
39	DEC	FY78	549	9	39	12922	6079	0	0	0	59797	3123	1786	55	2296
40	JAN	FY78	933	5	40	13665	11808	0	0	0	75896	2914	1776	49	1964
41	FEB	FY78	746	0	41	15556	11595	0	0	0	66728	2846	1790	54	2261
42	MAR	FY78	374	3	42	12818	6270	0	0	0	61304	2755	1721	53	1796
43	APR	FY78	61	84	43	12795	1465	0	0	0	29159	1765	1715	24	818
44	MAY	FY78	30	303	44	13816	1470	0	0	0	25829	2401	1708	19	1139
45	JUN	FY78	0	472	45	19523	1745	0	0	0	23615	2652	1768	40	1921
46	JUL	FY78	0	637	46	22353	1221	0	0	0	20611	2579	1858	48	1761
47	AUG	FY78	0	570	47	22759	1360	0	0	0	21959	2850	1927	66	2085
48	SEP	FY78	0	391	48	22794	1889	0	0	0	24611	2492	1954	58	1876
49	OCT	FY79	57	96	49	16454	3704	0	0	0	22890	2530	1943	64	2059
50	NOV	FY79	181	39	50	15703	9962	0	0	0	36019	2747	1923	57	1674
51	DEC	FY79	528	8	51	15159	11569	0	0	0	63503	2802	1907	51	1527
52	JAN	FY79	849	0	52	18109	16048	0	0	0	102562	3412	1887	61	1813

QBS	NUM2	WT2	NUM3	WT3	HOURS	MRTU	HIGMBTU	MRTUHYR	UNITS	TOTW	MRTUADJ	HIGADJ	ELECADJ
27	150	102	1950	51	71202	86465	71202	122339	2102	325	96986	81723	12830.0
28	1	39	1353	135	101561	87697	87697	133115	1382	417	116556	102692	11646.0
29	0	12	1357	60	75762	61627	61627	113084	1413	834	83456	69321	12134.0
30	32	174	1502	61	61941	48857	48857	88003	1595	1113	66227	53143	11020.0
31	16	110	2287	79	51856	36428	36428	46708	2360	919	54555	38421	13569.7
32	8	107	3532	210	38900	22494	22494	39442	3601	1268	40856	23744	14938.7
33	5	194	3345	202	39458	20139	20139	36845	3415	1588	41414	21389	17931.7
34	9	342	3479	156	39213	18858	18858	38259	3553	2170	41189	20108	18198.7
35	6	223	3671	93	41160	19817	19817	41233	3754	2275	43116	21067	19671.7
36	1	0	3511	86	39601	19068	19068	39197	3586	2358	41559	20318	18233.7
37	87	1	4159	88	47819	30647	30647	83659	4320	2293	50938	33060	15240.7
38	75	1	3645	34	62008	45620	45620	75127	3718	2267	68163	51069	14811.7
39	1	43	4707	94	81921	65876	65876	86465	4763	2433	92744	75893	13627.7
40	17	5	44	89	104283	87704	87704	101561	4542	2058	121108	104023	14370.7
41	0	0	4757	96	96715	78323	78323	75762	4813	2357	110720	91622	16261.7
42	15	5	5032	183	47819	67574	67574	61941	5100	1984	91143	74865	13523.7
43	20	11	4170	157	45184	30624	30624	51856	4214	985	47419	32859	12795.0
44	24	127	5013	199	43516	27299	27299	38900	5056	1465	45251	29034	13816.0
45	31	49	5821	221	47535	25300	25300	39458	5892	2191	48785	26610	19523.0
46	27	102	5214	201	46764	21832	21832	39233	5289	2064	41014	23082	22353.0
47	53	174	5805	229	46928	23319	23319	41160	5924	2488	50178	24569	22759.0
48	70	161	5429	210	51786	26500	26500	39603	5557	2247	51036	27750	22794.0
49	40	231	5523	229	46578	26594	26594	47819	5627	2519	47431	27449	16454.0
50	58	217	4914	151	64431	45981	45981	62008	5029	1797	64428	45978	15703.0
51	19	180	4194	90	93033	75072	75072	81921	4284	2064	90628	72667	15159.0
52	11	110	7588	121	140131	118610	118610	104283	7682	2064	175504	113983	18109.0

PROCESS ENERGY ANALYSIS - LONG STAR AAP

ORS	MONTH	FYEAR	MOID	CDD	TIME	ELEC	NATGAS	COAL	PDG	HW	FSX	MUGAS	LBRFRC	NUM1	WT1
53	FEB	FY79	517	8	53	18373	11895	0	0	0	87938	2796	1832	36	1531
54	MAR	FY79	216	39	54	14897	30882	0	0	0	48266	2850	1776	37	1745
55	APR	FY79	50	86	55	15280	51449	0	0	0	0	2557	1778	15	1542
56	MAY	FY79	11	178	56	15293	28876	0	0	0	0	2614	1796	17	1711
57	JUN	FY79	0	395	57	15911	19390	0	0	0	0	1935	1795	16	1624
58	JUL	FY79	0	509	58	17266	18864	0	0	0	316	2070	1790	15	1573
59	AUG	FY79	0	483	59	18805	22208	0	0	0	833	2513	1779	38	1837
60	SEP	FY79	0	284	60	14976	20012	0	0	0	0	2258	1769	31	1525
61	OCT	FY80	52	124	61	12629	27128	0	0	0	0	2774	1777	23	1834
62	NOV	FY80	366	8	62	12774	20576	0	0	0	25076	2214	1775	15	1585
63	DEC	FY80	498	2	63	12616	9069	0	0	0	46923	2283	1764	15	1494
64	JAN	FY80	508	1	64	13404	5809	0	0	0	62783	2450	1712	17	1778
65	FEB	FY80	494	6	65	15222	8952	0	0	0	63180	2182	1652	17	1741
66	MAR	FY80	312	6	66	12898	6747	0	0	0	54811	2023	1627	16	1686
67	APR	FY80	96	43	67	11850	18158	0	0	0	23012	2029	1602	16	1697
68	MAY	FY80	4	298	68	12531	25960	0	0	0	0	1994	1595	17	1736
69	JUN	FY80	0	560	69	15312	21557	0	0	0	0	1771	1589	16	1656
70	JUL	FY80	0	686	70	16482	19116	0	0	0	0	2008	1579	16	1670
71	AUG	FY80	0	643	71	18238	17290	0	0	0	0	2284	1585	12	1243
72	SEP	FY80	1	522	72	17141	19759	0	0	0	0	1956	1604	17	1696
73	OCT	FY81	128	86	73	12470	31004	0	0	0	2622	1613	1589	18	1834
74	NOV	FY81	340	22	74	12690	51241	0	0	0	0	1869	1579	12	1230
75	DEC	FY81	488	1	75	12192	62877	0	0	0	0	2158	1579	13	1350
76	JAN	FY81	620	0	76	13479	71000	0	0	0	2138	1568	1493	13	1335
77	FEB	FY81	425	5	77	14999	51063	0	0	0	2458	2124	1493	7	748
78	MAR	FY81	279	10	78	12389	56581	0	0	0	0	1917	1458	7	732

ORS	NUM2	WT2	NUM3	WT3	HOURS	MBTU	HCMBTU	MBTU/YR	UNITS	TOTW	MBTUADJ	HTCADJ	ELECADJ
53	52	199	3820	85		121002	99873	96715	3908	1815	118673	97504	18373
54	141	917	4652	98		102895	85148	83147	4830	2755	102850	84902	14897
55	136	223	4850	197		69286	51449	45184	5001	1962	70190	52352	15280
56	164	224	5844	220		46783	28876	43516	6025	2155	47957	30049	15293
57	208	254	4980	209		37236	19390	47535	5204	2087	38486	20540	15911
58	201	262	4771	217		38516	19180	46764	4987	2052	39766	20430	17266
59	130	169	5269	51		44159	23041	48928	5437	2057	45609	24291	18805
60	99	152	4307	89		37246	20012	51786	4437	1766	38496	21262	14976
61	175	354	4365	98		42531	27128	46578	4563	2286	47421	28018	12629
62	170	290	3965	61		60640	45652	64431	4150	1936	59357	44368	12774
63	164	293	3602	76		70891	55952	93033	3781	1863	68694	53794	12616
64	168	351	4767	46	41562	84452	68598	140131	4952	2175	82186	66311	11404
65	94	120	4426	43	36020	76479	61558	102895	4536	1849	71564	60648	12898
66	112	146	3361	32	36597	55049	41170	69286	3489	1875	55634	41755	11850
67	158	211	3113	29	34881	40485	25960	46783	3288	1976	41707	27182	12531
68	161	319	2367	22	34727	38640	21557	37236	2544	1997	39890	22807	15312
69	116	204	2852	94	36861	37606	19116	38516	2984	2058	38856	20366	16482
70	81	240	3047	200	37197	37812	17290	44359	3142	1683	39062	18540	18238
71	78	171	2572	25	36676	37856	18759	37246	2667	1892	39118	20011	17141
72	125	319	2348	29	39921	46036	31004	42531	2451	2182	46549	31457	12470
73	103	231	2167	34	32604	68800	54241	60640	2282	1495	67847	53287	12690
74	122	270	2228	65	35614	77227	62877	70891	2363	1685	75292	60941	12192
75	117	201	2776	103	34793	86617	71000	84452	2902	1639	83906	68189	11479
76	129	129	2977	109	30369	80644	1521	89536	3113	1076	79127	62003	14999
77	307	242	2495	35	34545	70887	56581	76479	2809	1009	70138	56032	12389

ORS	MONTH	FYEAR	MOO	WT3	HOURS	MBTU	HIGHMBTU	MBTU1YR	UNITS	TOTWT	MBTUADJ	INTGADJ	NUM1	WT1
79	APR	FY81	14	171	79	12226	25337	0	0	0	2727	1446	4	437
80	MAY	FY81	20	157	80	10811	20897	0	0	0	1890	1408	10	1052
81	JUN	FY81	0	463	81	15474	18310	0	0	0	2025	1417	9	903
82	JUL	FY81	0	558	82	16472	18241	0	0	0	2110	1413	9	925
83	AUG	FY81	0	511	83	16971	19177	0	0	0	2009	1407	14	922
84	SEP	FY81	0	284	84	13885	18759	0	0	0	2067	1380	9	948
85	OCT	FY82	129	135	85	12725	27193	0	0	0	2080	1316	11	1170
86	NOV	FY82	246	6	86	12041	40887	0	0	0	1983	1314	10	988
87	DEC	FY82	554	0	87	12563	62431	0	0	0	2113	1296	11	1117
88	JAN	FY82	588	14	88	11971	69810	0	0	7223	2066	1257	11	1134
89	FEB	FY82	537	0	89	13700	62162	0	0	12070	2138	1241	10	1024
90	MAR	FY82	202	99	89	11391	52109	0	0	0	2077	1233	15	1488
91	APR	FY82	125	81	91	10974	29055	0	0	0	1962	1200	19	1466
92	MAY	FY82	4	300	92	10881	19330	0	0	0	1601	1188	13	1376
93	JUN	FY82	0	413	93	13212	16893	0	0	0	1836	1227	15	1519
94	JUL	FY82	0	573	94	15312	16108	0	0	0	1694	1287	14	1464
95	AUG	FY82	0	573	95	16971	16210	0	0	0	1871	1312	14	1454
96	SEP	FY82	9	333	96	14372	17748	0	0	0	1928	1324	14	1454

ORS	NUM2	WT2	NUM3	WT3	HOURS	MBTU	HIGHMBTU	MBTU1YR	UNITS	TOTWT	MBTUADJ	INTGADJ	NUM1	WT1
79	207	177	2898	54	37043	40290	25337	55049	3109	668	41499	26546	2	12226
80	194	244	2520	163	30681	33598	20897	40485	2724	1459	34767	22066	4	10811
81	270	394	3072	192	32270	35809	18310	38640	3351	1489	37111	19612	1	15474
82	253	220	2851	208	32668	37423	18841	37606	3113	1353	38725	20143	1	16472
83	171	271	3081	29	30902	38157	19177	37812	3266	1222	39459	20479	1	16971
84	137	423	2355	24	30487	34711	18759	37856	2501	1395	35960	20008	0	13885
85	164	138	2831	201	29201	41998	27193	46096	3006	1509	42443	27639	3	12725
86	155	148	2259	170	27333	55011	40987	68800	2424	1306	54681	40657	2	12041
87	190	175	2050	90	30612	77107	67431	77227	2251	1382	71734	60058	1	12563
88	237	296	1442	14	27791	91070	77033	86617	1690	1444	88471	74434	5	11971
89	152	248	1604	16	25882	90070	74232	93644	1766	1288	87809	71971	8	13700
90	140	831	1672	17	30670	65577	52109	70887	1827	2336	65539	52071	1	11391
91	179	857	1674	17	27498	42001	29055	40790	1872	2340	42502	29537	9	11002
92	142	217	3360	34	25930	31812	19330	33598	3515	1627	33191	20605	5	10985
93	127	185	3718	35	28905	31941	16893	35809	3860	1739	33866	18195	1	13355
94	358	414	3701	35	30004	33114	16108	37423	4073	1913	34614	17410	1	15510
95	391	451	3802	232	32108	35052	16210	38157	4207	2137	36552	17512	1	17169
96	389	458	4133	214	29425	34048	17748	34711	4536	2126	35405	18990	4	14487

PROCESS ENERGY ANALYSIS - (ORIGINAL AND)

QBS	MONTH	YEAR	MOD	CDD	TIME	ELEC	NATGAS	CUM	PPG	OW	EX	PROGAS	LBFRIC	NUM1	WT1	NUM2	WT2	NUM3
1	OCT	FY75	32	77	1	14952	34144	0	0	0	425	1596	1015	109327	2776157	45345	22219	100056
2	NOV	FY75	312	35	2	12366	36957	0	0	0	5813	2137	1009	84253	2340652	10848	5316	100379
3	DEC	FY75	541	0	3	10359	40633	0	0	0	13817	1265	1016	46473	1418352	30654	15020	69372
4	JAN	FY75	473	23	4	11530	32000	0	0	0	33919	1916	1008	72123	2047598	23842	11683	108696
5	FEB	FY75	457	0	5	10440	22528	0	0	0	33436	1727	965	60678	1442295	33427	21279	101668
6	MAR	FY75	305	21	6	11438	31358	0	0	0	30709	1565	1002	78421	2500680	33020	16180	108580
7	APR	FY75	124	91	7	12192	37224	0	0	0	4246	1654	998	83151	1847730	31887	15625	114628
8	MAY	FY75	0	238	8	12110	32595	0	0	0	163	1937	1004	44673	1879246	36422	17847	112152
9	JUN	FY75	0	403	9	14454	28362	0	0	0	2837	1722	1026	99811	2779559	36889	18076	109444
10	JUL	FY75	0	501	10	14778	29917	0	0	0	198	1596	1001	74651	2372125	33866	16594	104260
11	AUG	FY75	0	493	11	13108	26846	0	0	0	1118	2116	889	77167	2161381	16640	8154	57174
12	SEP	FY75	4	271	12	10858	22315	0	0	0	810	1249	691	40772	1820741	0	0	19255
13	OCT	FY76	39	141	13	9860	27864	0	0	0	693	1319	642	44769	2099344	35180	17238	0
14	NOV	FY76	286	34	14	8190	34198	0	0	0	2913	1202	640	35857	941844	33068	16203	0
15	DEC	FY76	492	12	15	8190	29518	0	0	0	553	1087	640	39730	1489902	28363	13898	0
16	JAN	FY76	551	2	16	7772	31022	0	0	0	29539	1423	632	31406	502690	0	0	0
17	FEB	FY76	186	26	17	7354	34267	0	0	0	3192	1150	549	13102	264450	0	0	0
18	MAR	FY76	202	58	18	8433	36212	0	0	0	3466	893	533	12274	326731	0	0	0
19	APR	FY76	38	116	19	7679	28336	0	0	0	12	1270	527	43624	782222	0	0	18982
20	MAY	FY76	17	112	20	9268	28318	0	0	0	1113	1108	551	25869	333956	0	0	24283
21	JUN	FY76	0	326	21	10185	26818	0	0	0	1806	998	555	21514	217291	0	0	24253
22	JUL	FY76	0	428	22	11860	25250	0	0	0	0	1334	618	31426	419769	0	0	27930
23	AUG	FY76	0	432	23	13530	18811	0	0	0	0	1428	673	25437	1180276	0	0	62048
24	SEP	FY76	0	288	24	13196	24863	0	0	0	5633	1276	705	20086	931627	0	0	45599
25	OCT	FY77	199	48	25	10440	33304	0	0	0	1806	1685	706	0	0	0	0	51290
26	NOV	FY77	471	7	26	10440	41211	0	0	0	454	1271	768	3147	51822	0	0	88746

QBS	WT1	NUM1	WT3	NUM5	WT5	HOURS	MGAS	RECUM	PRODUYR	UNITS	LBFRIC	ACTUALD	HTGADJ	ELECADD
1	75042	6	18400	10213	10213		51117	34569		264947	2902011	51117	34569	14952
2	75284	6	18400	0	0		57273	42770		195486	2419652	57273	42770	12366
3	52029	8	25200	0	0		66074	54450		146507	1510601	66074	54450	10359
4	81522	10	34000	0	0		79365	65919		204671	2174803	79365	65919	11530
5	76251	10	34000	124	620		69231	57064		205907	1574446	69231	57064	10440
6	81435	8	27200	109	545		75070	62067		220138	2626040	75070	62067	11438
7	85971	8	27200	124	620		55316	41470		229798	1977146	55316	41470	12192
8	84114	10	28000	234	1170		46805	32758		193491	2010377	46805	32758	12110
9	82083	10	36000	514	2570		47375	31199		246568	2918288	47375	31199	14454
10	78195	10	36000	194	970		46489	30115		212981	2503884	46489	30115	14778
11	42881	10	38000	263	1195		43188	27964		151254	2251611	43188	27964	13108
12	28883	0	0	0	0		35232	23125		60027	1510624	35232	23125	10858
13	0	0	0	40872	5758		39756	28557	51117	120821	2122310	39756	28557	9860
14	0	4	17600	16695	2790		46503	37111	57273	85624	928432	46503	37111	8190
15	0	0	0	16900	1858		39748	30071	66074	84993	1505659	39748	30071	8190
16	0	0	0	6769	183340		69756	60561	79365	38175	686030	69756	60561	7772
17	0	13	49200	357	1335		45963	37459	69231	314985	327681	45963	37459	7754
18	0	0	0	190	950		49004	39678	75070	12464	815180	49004	39678	8433
19	28473	0	0	4097	4485		37297	28348	55316	66703	815180	37297	28348	7679
20	36425	2	8800	17	17		39807	29431	46805	50171	379198	39807	29431	9268
21	36380	2	8800	0	0		39807	28624	47375	45769	262471	39807	28624	10185
22	41895	3	7200	97	485		38544	25350	46489	59456	469349	38544	25350	11860
23	92997	0	0	0	0		33769	18811	43188	87485	1272723	33769	18811	13530
24	58199	0	0	9360	393120		44968	30496	35232	75045	150116	44968	30496	13196
25	12821	3	7200	15563	639952		47235	35110	39756	66856	150975	47235	35110	10440
26	22187	0	0	650	650		53176	41665	46503	92543	101059	53176	41665	10440

PROCESS ENERGY ANALYSIS

LONGHORN AAP

ORS	MONTH	FYEAR	HRD	CHD	TIME	IFC	NATGAS	COAL	PPG	UW	FSX	MOGAS	LRRFC	NUM1	WT1	NUM2	WT2	NUM3
27	DEC	FY77	574	0	27	8853	35420	0	0	0	15116	1260	849	4623	120198	0	0	89630
28	JAN	FY77	851	0	28	9688	77737	0	0	0	60056	1405	836	144	1744	0	0	164332
29	FEB	FY77	339	7	29	7684	12737	0	0	0	31065	1407	671	4736	110136	0	0	151900
30	MAR	FY77	188	28	30	8352	2205	0	0	0	49652	1197	678	0	0	0	0	164622
31	APR	FY77	46	69	31	9020	28444	0	0	0	20667	1523	734	0	0	0	0	203314
32	MAY	FY77	0	289	32	11526	34134	0	0	0	0	1250	851	0	203016	0	0	223369
33	JUN	FY77	0	443	33	14198	27228	0	0	0	0	1328	904	20459	859278	0	0	247511
34	JUL	FY77	0	580	34	15034	24583	0	0	0	0	1649	906	23798	880301	0	0	161987
35	AUG	FY77	0	479	35	15368	25888	0	0	0	0	1228	891	950050	734278	0	0	129439
36	SEP	FY77	0	419	36	14867	26020	0	0	0	0	1058	840	10189	264914	0	0	230262
37	OCT	FY78	72	119	37	13029	33068	0	0	0	0	1386	900	0	0	0	0	174270
38	NOV	FY78	260	12	38	11526	44374	0	0	0	0	1065	906	474208	158068	0	0	225743
39	DEC	FY78	549	9	39	8853	52170	0	0	0	0	1319	899	0	0	0	0	162809
40	JAN	FY78	933	5	40	9772	63364	0	0	0	7031	1696	941	10841	281866	0	0	106029
41	FEB	FY78	746	0	41	9438	59916	0	0	0	2371	1712	943	17744	360888	7552	13745	94870
42	MAR	FY78	374	3	42	10356	53742	0	0	0	2988	1906	936	22292	317992	29646	53956	99932
43	APR	FY78	61	84	43	11442	40394	0	0	0	0	1449	938	30624	394169	6600	12012	105815
44	MAY	FY78	30	303	44	15702	38825	0	0	0	0	1381	942	19895	508748	20200	18676	164215
45	JUN	FY78	0	472	45	18792	33233	0	0	0	0	1754	945	13952	318963	74786	61953	52227
46	JUL	FY78	0	637	46	16704	33721	0	0	0	0	1444	962	42930	713038	0	0	86761
47	AUG	FY78	0	570	47	17957	30512	0	0	0	0	1313	953	41259	743880	43714	58064	83024
48	SEP	FY78	0	391	48	18214	29072	0	0	0	0	1696	950	45819	1474617	91024	57374	113849
49	OCT	FY79	57	96	49	15034	36023	0	0	0	435	1769	947	38666	1322801	95873	57408	112086
50	NOV	FY79	181	39	50	14783	44130	0	0	0	1081	1565	947	20429	531154	0	0	128814
51	DEC	FY79	528	8	51	10356	60876	0	0	0	711	1202	948	34294	580545	51898	25430	111141
52	JAN	FY79	849	0	52	11776	67921	0	0	0	9466	2084	901	55684	888629	103625	73155	128928

ORS	WT3	NUM4	WT4	NUM5	WT5	HOURS	WT6	HTGMRTU	MDTU1YR	UNITS	MDTU1	HTGMRTU	MDTU1YR	UNITS	MDTU1	HTGMRTU	MDTU1YR	UNITS
27	22408	0	0	368	368	60649	50536	39348	94621	142974	60649	50536	39348	94621	142974	60649	50536	39348
28	41083	0	0	290	290	78982	67829	69756	164766	45117	78982	67829	69756	164766	45117	78982	67829	69756
29	37975	2	4800	0	0	52553	43462	45963	156138	152911	52553	43462	45963	156138	152911	52553	43462	45963
30	59378	0	0	0	0	61406	51857	49004	164622	59178	61406	51857	49004	164622	59178	61406	51857	49004
31	72191	0	0	12136	1335	59654	49111	37297	215450	71726	59654	49111	37297	215450	71726	59654	49111	37297
32	70180	0	0	0	0	46910	34134	39607	228227	274216	46910	34134	39607	228227	274216	46910	34134	39607
33	106973	0	0	26400	2904	42754	27228	39807	294370	969155	42754	27228	39807	294370	969155	42754	27228	39807
34	72008	0	0	82875	9116	41276	24593	38544	270660	961525	41276	24593	38544	270660	961525	41276	24593	38544
35	84471	0	0	187513	19516	42584	25888	33769	1267002	838285	42584	25888	33769	1267002	838285	42584	25888	33769
36	116799	0	0	6482	1178	42546	26020	44968	246933	362191	42546	26020	44968	246933	362191	42546	26020	44968
37	118580	0	0	30444	4794	47183	33068	47235	204714	171474	47183	33068	47235	204714	171474	47183	33068	47235
38	146610	0	0	38724	6461	56966	44374	53376	738675	363119	56966	44374	53376	738675	363119	56966	44374	53376
39	104821	0	0	1073	1073	62362	52170	60649	163882	105894	62362	52170	60649	163882	105894	62362	52170	60649
40	109155	0	0	3570	3570	81863	70395	78982	120440	394591	81863	70395	78982	120440	394591	81863	70395	78982
41	80463	0	0	3000	3000	73437	62287	52553	123166	452036	73437	62287	52553	123166	452036	73437	62287	52553
42	63323	0	0	4530	4530	68992	56730	61406	156400	459801	56730	56730	61406	156400	459801	56730	56730	61406
43	85046	0	0	5115	5115	53285	40394	59654	148154	502262	53285	40394	59654	148154	502262	53285	40394	59654
44	77772	0	0	3968	3968	55908	38825	46910	208278	609116	55908	38825	46910	208278	609116	55908	38825	46910
45	13077	0	0	3826	3826	51779	33233	42754	144791	399799	51779	33233	42754	144791	399799	51779	33233	42754
46	104594	0	0	4660	4660	51869	33721	41276	134351	842292	51869	33721	41276	134351	842292	51869	33721	41276
47	100117	0	0	29120	29120	49782	30512	42584	197117	981501	49782	30512	42584	197117	981501	49782	30512	42584
48	23462	0	0	2409	2649	48942	29072	42546	253101	1461102	48942	29072	42546	253101	1461102	48942	29072	42546
49	28022	0	0	58267	8965	53321	36518	47483	304892	1417196	53321	36518	47483	304892	1417196	53321	36518	47483
50	84862	0	0	95418	11988	61561	45213	56966	194661	628004	61561	45213	56966	194661	628004	61561	45213	56966
51	27785	0	0	1019	1431	71145	61587	62362	248352	635191	71145	61587	62362	248352	635191	71145	61587	62362
52	12622	0	0	411	411	91247	77387	81863	288648	994817	91247	77387	81863	288648	994817	91247	77387	81863

PROCESS ENERGY ANALYSIS LONGHORN AAP

OBS	MONTH	FYEAR	HDD	COB	TIME	ELIC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBRTRC	NUM1	WT1	NUM2	WT2	NUM3
53	FEB	FY79	517	8	53	9939	60158	0	0	0	3140	1811	802	25297	413069	80544	39467	78946
54	MAR	FY79	216	39	54	10524	53343	0	0	0	355	2027	865	101568	6402148	63438	47136	148282
55	APR	FY79	50	86	55	11693	42952	0	0	0	175	1491	868	74474	5863968	92034	58480	167518
56	MAY	FY79	11	178	56	13363	35982	0	0	0	0	1502	863	53424	1765110	111330	85864	130452
57	JUN	FY79	0	395	57	16453	33061	0	0	0	0	1496	850	54794	7965069	71719	50259	144818
58	JUL	FY79	0	509	58	18541	31897	0	0	0	0	1244	847	15776	295082	0	0	174116
59	AUG	FY79	0	483	59	19210	30884	0	0	0	0	1654	852	50819	851831	33434	27749	129567
60	SEP	FY79	0	284	60	14282	32552	0	0	0	0	1307	862	51145	821256	25962	47251	71960
61	OCT	FY80	52	124	61	14449	37036	0	0	0	1182	1423	855	40960	782576	0	0	146883
62	NOV	FY80	366	8	62	10022	46729	0	0	0	443	1743	851	25219	655694	0	0	110514
63	DEC	FY80	498	2	63	8352	52935	0	0	0	513	1071	855	18931	492206	5260	2577	115792
64	JAN	FY80	508	1	64	9354	53467	0	0	0	0	1554	838	26481	688506	0	0	113920
65	FEB	FY80	494	6	65	9020	47697	0	0	0	268	1580	816	21591	561366	0	0	119130
66	MAR	FY80	312	6	66	9207	47697	0	0	0	70	1071	826	22150	575900	2145	3904	81240
67	APR	FY80	96	43	67	9271	36271	0	0	0	0	1019	806	24557	618482	0	0	67183
68	MAY	FY80	4	298	68	11275	31243	0	0	0	0	1055	814	24024	640224	0	0	28142
69	JUN	FY80	0	560	69	13781	20237	0	0	0	7759	1024	811	21347	555022	0	0	65288
70	JUL	FY80	0	685	70	15201	25699	0	0	0	0	1088	765	22863	548964	0	0	71346
71	AUG	FY80	0	643	71	12695	25542	0	0	0	0	1145	765	23190	602940	0	0	103203
72	SEP	FY80	3	522	72	13614	21997	0	0	0	1078	1045	761	24013	624338	0	0	74757
73	OCT	FY81	128	86	73	9605	32007	0	0	0	320	1134	771	21152	549952	0	0	72671
74	NOV	FY81	340	22	74	8364	44849	0	0	0	0	1009	755	18069	469794	0	0	101847
75	DEC	FY81	488	1	75	6682	47099	0	0	0	0	809	756	34627	2225826	0	0	44789
76	JAN	FY81	620	0	76	7099	53434	0	0	0	0	1171	748	19033	494858	0	0	93596
77	FEB	FY81	425	5	77	7517	46204	0	0	0	920	1024	702	15200	395200	0	0	112973
78	MAR	FY81	279	10	78	8433	44106	0	0	0	0	1008	694	15854	412204	0	0	122710
OBS	WT3	NUM4	WT4	NUM5	WT5	HOURS	MBTU	HTGMBTU	MBTU1YR	UNITS	101W1	MBTHADJ	HTGADJ	ELECADJ				
53	19737	0	0	128	128	75048	63298	63298	73437	184915	472401	75048	63298	9939				
54	63366	0	0	834	1354	66249	53698	53698	68992	314122	6514004	66249	53698	10524				
55	41880	0	0	1337	1625	56311	43127	43127	53285	335363	5955953	56311	43127	11693				
56	32613	0	0	2110	2350	50847	35982	35982	55908	297316	1885937	50847	35982	13363				
57	36205	0	0	508	940	51010	33061	33061	53779	271839	883473	51010	33061	16453				
58	43529	0	0	348	876	51682	31897	31897	51869	190240	340387	51682	31897	18541				
59	32877	0	0	61	305	51748	30884	30884	49782	213881	912757	51748	30884	19210				
60	19100	0	0	0	0	44141	32552	32552	48982	140057	883907	44141	32552	14282				
61	87302	6	20400	855	855	54090	38218	38218	53321	183704	8291133	54090	38218	14449				
62	72000	8	27200	1008	1008	58917	47172	47172	61561	136749	755902	58917	47172	10022				
63	46786	10	34000	1148	1148	62871	53448	53448	73145	141141	576717	62871	53448	9352				
64	67445	9	31600	411	411	64375	53467	53467	91247	140821	783521	64375	53467	9354				
65	67445	5	16000	0	0	61781	52930	52930	75048	140726	644811	61781	52930	9271				
66	61846	7	20800	666	666	57858	47167	47167	66249	106208	661116	57858	47167	9020				
67	47107	8	27200	0	0	20925	46561	46561	56311	91748	712789	46561	47167	9271				
68	8846	9	31600	0	0	20362	41573	41573	50847	52775	680710	41573	52775	11275				
69	87036	5	16000	4350	4350	42801	27996	27996	51010	90990	652408	42801	27996	13781				
70	17817	15	52000	404	404	41938	25609	25609	51682	94628	619205	41938	25609	15201				
71	75249	18	67200	0	0	19206	34382	34382	51748	126411	745379	34382	25542	12695				
72	40693	8	23200	0	0	19349	37734	37734	48141	98778	607299	37734	23075	13614				
73	24518	9	31600	0	0	19042	4066	4066	54090	93832	607170	4066	32327	9605				
74	12753	1	2400	0	0	16391	54222	54222	58937	119917	504957	54222	44849	8364				
75	20632	0	0	0	0	18691	54500	54500	62871	79416	2246458	54500	47099	6682				
76	15987	0	0	0	0	18161	61704	61704	64375	112629	510845	61704	53434	7099				
77	46340	0	0	0	0	15952	59665	59665	63781	128173	441690	59665	47124	7517				
78	47097	0	0	0	0	16700	51547	51547	57858	140564	450301	56379	46938	8433				

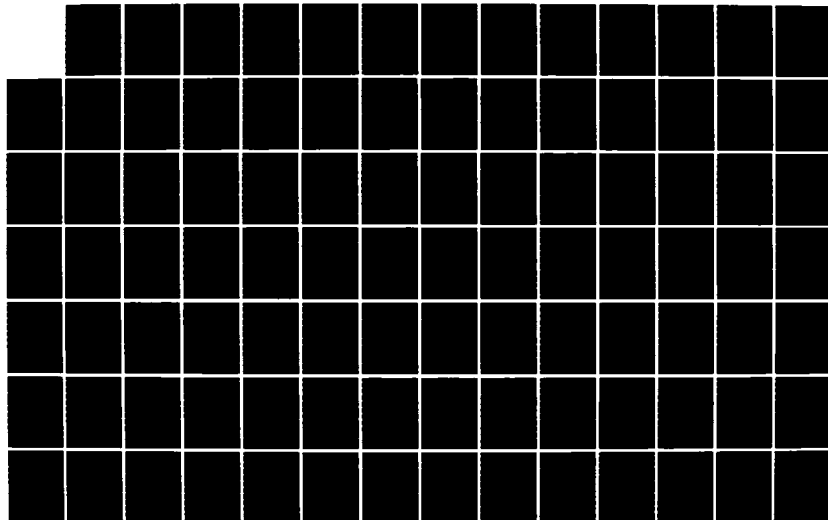
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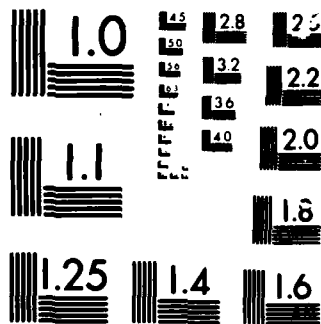
A MODEL OF US ARMY MATERIEL COMMAND (AMC) ENERGY
CONSUMPTION VOLUME 2 INS. (U) CONSTRUCTION ENGINEERING
RESEARCH LAB (ARMY) CHAMPAIGN IL 8 J SLIWINSKI MAR 86
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PROCESS ENERGY ANALYSIS - LONGHORN AAP

ONS	MONTH	FYEAR	HDD	CDD	TIME	ELFC	NATGAS	COAL	PPG	HW	FSX	MCGAS	IBRFR	NUM1	W11	NUM2	W12	NUM1	ELECADJ
79	APR	FY81	14	171	79	8607	31248	0	0	0	0	977	727	19004	494104	0	0	169747	
80	MAY	FY81	20	157	80	9350	28096	0	0	0	0	934	699	20204	525104	0	0	163264	
81	JUN	FY81	0	463	81	12029	23903	0	0	0	0	1108	701	21927	570102	0	0	87193	
82	JUL	FY81	0	558	82	14381	22947	0	0	0	0	965	649						
83	AUG	FY81	0	511	83	14516	22299	0	0	0	0	903	700	23757	617582	0	0	61386	
84	SEP	FY81	8	284	84	12110	24335	0	0	0	0	1087	674	17236	344176	0	0	59817	
85	OCT	FY81	129	135	85	10359	31456	0	0	0	0	1074	698	11224	158378	0	0	40511	
86	NOV	FY82	246	6	86	8851	39207	0	0	0	0	1114	731	48930	63102	0	0	75471	
87	DEC	FY82	554	0	87	7934	45397	0	0	0	0	1083	735	18517	481412	8810	16034	85498	
88	JAN	FY82	588	14	88	7679	48369	0	0	0	4637	1060	719	17179	446554	0	0	53947	
89	FEB	FY82	537	0	89	8016	52917	0	0	0	617	1136	713	28780	748240	0	0	101310	
90	MAR	FY82	202	99	90	10022	43129	0	0	0	0	1278	710	47449	1213674	0	0	57646	
91	APR	FY82	125	81	91	10185	36433	0	0	0	0	1175	727	45644	1186744	0	0	74592	
92	MAY	FY82	4	300	92	12029	30377	0	0	0	0	1213	754	20200	525200	0	0	83891	
93	JUN	FY82	0	413	93	15451	24749	0	0	0	0	1180	774	51147	1329822	0	0	190003	
94	JUL	FY82	0	573	94	15486	24019	0	0	0	0	1249	813	49031	1274806	0	0	187603	
95	AUG	FY82	0	573	95	16368	21454	0	0	0	0	1335	810	24173	628498	0	0	259341	
96	SEP	FY82	9	333	96	13201	26293	0	0	0	0	1254	806	21500	559000	0	0	213589	

ONS	WT3	NUM3	WT4	NUM5	WT5	HOURS	MBTU	HTGMRTU	MBTU1YR	UNITS	TOTW	MBTUADJ	HTGADJ	ELECADJ
79	122773	0	0	0	0	16934	40872	31248	40561	188751	516877	42031	32447	1
80	121347	0	0	0	0	16765	38380	28096	43573	183468	646651	39616	29332	1
81	71261	0	0	0	0	17002	37043	23903	42801	109120	643163	38152	25015	8
82						17178	38274	22947	41988			39386	24059	8
83	15171	0	0	0	0	16561	37918	22299	39382	85143	652853	38930	23411	8
84	20594	0	0	30941	30941	16551	37532	24335	37734	104020	404711	39074	25497	1
85	47333	0	0	22048	22048	15802	42886	31456	43066	73738	227759	44796	33363	8
86	59285	0	0	1646	1646	15829	49172	33207	54222	126007	894011	51800	41835	8
87	84203	0	0	1664	1664	18475	54414	45397	54590	114489	583343	58940	49923	8
88	36569	0	0	13339	13339	17764	61745	53066	61704	84465	496362	66481	57742	3
89	97192	0	0	1452	1452	16291	62706	53554	55665	131562	846924	67128	57976	1
90	28823	0	0	6656	6656	17717	54629	43129	53547	111751	1269153	57672	45686	6
91	35099	0	0	6798	6798	16992	47793	36433	40832	127034	1228641	50241	38316	1
92	41657	0	0	0	0	17413	41619	30377	38380	104091	568857	45416	31514	5
93	60927	0	0	0	0	19888	41380	24749	37040	241150	1390749	43277	25861	8
94	60863	0	0	0	0	18537	40754	24019	38274	236634	1315669	42834	25131	8
95	78728	0	0	0	0	20034	40962	23259	37818	283514	707226	43042	24371	8
96	87264	0	0	0	0	19879	40748	26293	37532	235089	646264	42620	27461	3

[illegible]

PROCESS ENERGY ANALYSIS - MCALISTER AAP

OBS	MONTH	FYEAR	MOD	CHD	TIME	ELEC	NATGAS	COAL	POG	HW	FW	INDAS	LIBRIC	MMH1	MMH2	MMH3
1	OCT	FY75	113	28	1	7679	0	10987	0	19	0	255	4670	160		
2	NOV	FY75	465	7	2	8352	0	22976	0	55	0	255	5846	160		
3	DEC	FY75	761	0	3	8630	0	49281	0	88	0	255	4514	160		
4	JAN	FY75	718	0	4	8352	0	47933	0	73	0	860	7134	160		
5	FEB	FY75	699	0	5	8410	0	41256	0	63	0	1050	5114	160		
6	MAR	FY75	562	3	6	8132	0	38220	0	60	0	1261	5735	160		
7	APR	FY75	217	46	7	8306	0	22605	0	33	0	1394	5824	160		
8	MAY	FY75	10	163	8	8514	0	5527	0	5	0	1394	7008	160		
9	JUN	FY75	0	327	9	8294	0	3480	0	0	0	1394	6508	160		
10	JUL	FY75	0	457	10	9071	0	2759	0	0	0	1282	5502	160		
11	AUG	FY75	0	454	11	11078	0	2631	0	0	0	1082	6857	160		
12	SEP	FY75	62	175	12	9686	0	6355	0	0	0	883	4220	160		
13	OCT	FY76	131	67	13	8738	0	8207	0	8	0	33	5221	280		
14	NOV	FY76	430	23	14	8353	8	28828	0	43	0	4125	3794	280		
15	DEC	FY76	741	0	15	8632	6	37489	0	67	0	12684	4086	280		
16	JAN	FY76	863	0	16	9305	8	29515	0	43	0	26273	6387	280		
17	FEB	FY76	413	4	17	8469	4	26602	0	42	0	8662	5273	280		
18	MAR	FY76	353	9	18	8030	8	27052	0	22	0	528	3426	280		
19	APR	FY76	123	33	19	8017	2	11085	0	19	0	1067	4880	280		
20	MAY	FY76	80	54	20	7520	8	5901	0	0	0	1557	4085	280		
21	JUN	FY76	0	239	21	8296	0	6976	0	0	0	47	3216	280		
22	JUL	FY76	0	435	22	9074	6	2759	0	0	0	1380	3773	280		
23	AUG	FY76	0	388	23	11080	6	2631	0	0	0	1271	3274	280		
24	SEP	FY76	20	187	24	9690	0	6355	0	0	0	596	3850	280		
25	OCT	FY77	317	16	25	7578	6	9372	0	16	0	1427	5338	220		
26	NOV	FY77	682	0	26	8017	2	21492	0	76	0	9612	4841	220		

OBS	WT3	NUM4	WT4	PRMS	WT5	DIRIR	INDIR	MMH1	MMH2	MMH3	MMH4	MMH5	MMH6	MMH7	MMH8	MMH9
1								23610	0	11261						
2								37484	0	23286						
3								62770	0	49626						
4								64352	0	48866						
5								55923	0	42379						
6								53408	0	39541						
7								38162	0	24032						
8								22448	0	6926						
9								19676	0	4874						
10								18614	0	4041						
11								21648	0	3713						
12								21144	0	7238						
13								22207	0	8248						
14								45143	8	32996						
15								62958	6	50240						
16								71523	8	55831						
17								49048	4	35106						
18								39058	8	27602						
19								25068	2	12171						
20								19063	8	7458						
21								18535	0	7023						
22								16986	6	4139						
23								18256	6	3902						
24								20491	0	6951						
25								23731	6	10815						
26								44038	2	31180						

PROCESS ENERGY ANALYSIS MCALISTER AAP

ORS	MONTH	FYEAR	1000	CUD	TIME	FLEC	NATGAS	COAL	PPG	IN	FSX	MINGAS	LBFRFC	NUM1	WT1	NUM2	WT2	NUM3
27	DEC	FY77	837	0	27	8469	2	20366	0	86	0	14224	4450	220				
28	JAN	FY77	1186	0	28	8353	8	36862	0	89	0	21050	5421	220				
29	FEB	FY77	602	0	29	9027	0	13604	0	44	0	19921	4138	220				
30	MAR	FY77	352	0	30	7184	2	12997	0	30	0	14812	3922	220				
31	APR	FY77	88	60	31	7057	4	13124	0	15	0	42	3483	220				
32	MAY	FY77	9	250	32	7520	8	7905	0	0	0	0	3670	220	0	7153	1455520	210
33	JUN	FY77	0	460	33	9411	2	4180	0	0	0	0	4061	220	0	15292	3202240	152
34	JUL	FY77	0	554	34	9747	8	4236	0	0	0	0	3015	220	0	12326	4920560	0
35	AUG	FY77	0	528	35	9411	2	2365	0	0	0	0	3425	220	17402	25639	8189755	0
36	SEP	FY77	0	367	36	9469	0	2544	0	0	0	0	3285	220	0	0	0	0
37	OCT	FY78	142	40	37	7685	0	3844	0	0	0	0	2770	260	0	11908	2959900	1235
38	NOV	FY78	377	3	38	7073	0	11274	0	0	0	0	3711	260	0	9598	4799000	539
39	DEC	FY78	773	0	39	8629	0	24031	0	39	0	5202	4740	260	0	0	0	0
40	JAN	FY78	1143	0	40	8997	0	38292	0	100	0	15472	3004	260	0	0	0	0
41	FEB	FY78	924	0	41	8827	0	21819	0	57	0	38413	3886	260	0	0	0	0
42	MAR	FY78	537	0	42	8041	0	18848	0	19	0	13917	4988	260	0	0	0	0
43	APR	FY78	113	60	43	6638	0	11398	0	14	0	3441	257	0	0	0	0	0
44	MAY	FY78	69	173	44	7481	0	6289	0	0	0	0	3372	258				
45	JUN	FY78	0	357	45	8154	0	4539	0	0	0	0	4136	258	0	10242	5121000	226
46	JUL	FY78	0	632	46	8942	0	3004	0	0	0	0	2822	262	0	7512	3756000	176
47	AUG	FY78	0	567	47	9279	0	3723	0	0	0	0	3083	262	0	8639	4319500	124
48	SEP	FY78	0	419	48	8041	0	3719	0	0	0	0	3605	261	0	11293	611670	190
49	OCT	FY79	133	46	49	6750	0	2715	0	0	0	0	3407	259	0	27320	1413020	222
50	NOV	FY79	359	6	50	6862	0	10080	0	52	0	0	3737	259	0	0	0	198
51	DEC	FY79	771	0	51	8436	0	30553	0	105	0	536	3825	259	265000	31123	1760740	184
52	JAN	FY79	1215	0	52	9166	0	45616	0	111	0	25754	2890	261	5300	16469	988140	198

HIGMBTU MBTU/HR UNITS TOTWT TOTLHRS MUTUADJ HIGADJ

OBRS	WT3	NUM4	WT4	NUM5	WT5	DIRIR	INDIR	MBTU	HIGMBTU	MBTU/HR	UNITS	TOTWT	TOTLHRS	MRTUADJ	HIGADJ
27								48095.2	34676	62958.6				48095.2	34676.0
28								71775.8	58001	71523.8				71775.8	58001.0
29								46734.0	33569	49048.4				46734.0	33569.0
30								38945.2	27839	39058.8				38945.2	27839.0
31								24521.4	13181	25068.2				24521.4	13181.0
32	105000	0	0	0	0	0	0	19095.8	7905	19063.8	7363	1560520		19095.8	7905.0
33	76000	0	0	0	0	0	0	17652.2	4180	18535.0	15444	3278240		17652.2	4180.0
34	0	0	0	0	0	0	0	16998.8	4236	16986.6	12326	4920560		16998.8	4236.0
35	0	0	0	0	0	0	0	15701.2	2365	18256.6	43041	9929955		15701.2	2365.0
36	0	0	0	0	0	0	0	15298.0	2544	20491.0	0	0		15298.0	2544.0
37	2470000	0	0	0	0	0	0	14299.0	3844	23731.6	13143	5429900		14299.0	3844.0
38	1078000	0	0	0	0	0	0	22058.0	11274	44038.2	10137	5877000		22058.0	11274.0
39	0	0	0	0	0	0	0	42641.0	29272	48095.2	0	0		42641.0	29272.0
40	0	0	0	0	0	0	0	65865.0	53864	71775.8	0	0		65865.0	53864.0
41	0	0	0	0	0	0	0	73002.0	60289	46734.0	0	0		73002.0	60289.0
42	0	0	0	0	0	0	0	45813.0	32784	38945.2	0	0		45813.0	32784.0
43	0	0	0	0	0	0	0	21491.0	11412	24521.4	0	0		21491.0	11412.0
44								17142.0	6289	19095.8				17142.0	6289.0
45	113000	0	0	0	0	0	0	16829.0	4539	17652.2	10468	5214000		16829.0	4539.0
46	88000	0	0	0	0	0	0	14768.0	3004	16998.8	7688	3844000	117836	14768.0	3004.0
47	62000	0	0	0	0	0	0	16085.0	3723	15701.2	8763	4381500	117836	16085.0	3723.0
48	95000	0	0	0	0	0	0	15465.0	3719	15298.0	11483	706670	117836	15465.0	3719.0
49	110000	0	0	0	0	0	0	12872.0	2715	14299.0	27542	1524020	106108	12872.0	2715.0
50	99000	9102	532240	0	0	0	0	20731.0	10132	22058.0	9300	611240	106108	20731.0	10132.0
51	92000	0	0	0	0	0	0	41455.0	31194	42641.0	36607	211740	106108	41455.0	31194.0
52	99000	0	0	0	0	0	0	81537.0	71481	65865.0	16667	1087140	120466	81537.0	71481.0

PROCESS ENERGY ANALYSIS MCALISTER AAP

OBS	MONTH	FYEAR	IND	COO	TIME	ETC	NATGAS	COAL	PIG	HW	FSX	MUGAS	ERRRC	NUM1	W11	NUM2	WT2	NUM3
53	FEB	FY79	869	0	51	8718	26764	0	67	0	38005	3847	261	0	0	0	0	681
54	MAR	FY79	393	7	54	8041	31422	0	18	0	2167	4247	261	0	0	0	0	1252
55	APR	FY79	175	33	55	7469	23991	0	17	0	0	3719	265	0	0	0	0	782
56	MAY	FY79	54	113	56	7141	11719	0	0	0	0	3207	265	0	0	0	0	66
57	JUN	FY79	0	307	57	8154	7804	0	0	0	0	4050	265	0	0	0	0	1300
58	JUL	FY79	0	464	58	9392	4557	0	0	0	0	2853	261	0	0	0	0	0
59	AUG	FY79	0	426	59	9504	5927	0	0	0	0	4441	261	0	0	3303	165150	1301
60	SEP	FY79	8	207	60	7367	5063	0	0	0	0	3163	262	0	0	0	0	8785
61	OCT	FY80	123	85	61	6523	3616	0	0	0	0	3160	261	0	0	0	0	506
62	NOV	FY80	567	4	62	6861	15897	0	29	0	303	4092	261	0	0	0	0	700
63	DEC	FY80	699	0	63	6917	53955	0	48	0	338	2636	260	0	0	0	0	503
64	JAN	FY80	769	0	64	7761	49564	0	72	0	3297	3218	271	0	0	0	0	4519
65	FEB	FY80	772	0	65	6973	43187	0	72	0	332	4368	271	0	0	0	0	10966
66	MAR	FY80	531	0	66	6355	28104	0	21	0	571	2853	271	0	0	0	0	4658
67	APR	FY80	208	11	67	5342	8099	0	16	0	0	3012	292	0	0	0	0	1836
68	MAY	FY80	27	164	68	6242	2468	0	0	0	185	3293	291	4739	236950	0	0	3120
69	JUN	FY80	0	434	69	8211	1472	0	0	0	0	4244	292	0	0	0	0	2466
70	JUL	FY80	0	643	70	9729	423	0	0	0	0	2788	287	0	0	0	0	2160
71	AUG	FY80	0	649	71	9279	3200	0	0	0	0	4505	287	0	0	0	0	10290
72	SEP	FY80	17	419	72	8323	2634	0	0	0	0	3247	288	0	0	0	0	4613
73	OCT	FY81	190	50	73	6473	312	0	0	0	0	3735	278	0	0	0	0	0
74	NOV	FY81	441	5	74	6972	34261	0	0	0	105	2938	279	0	0	0	0	0
75	DEC	FY81	694	0	75	6914	42207	0	0	0	647	2894	279	0	0	0	0	96
76	JAN	FY81	822	0	76	7482	56899	0	0	0	495	3230	288	0	0	1128	56400	0
77	FEB	FY81	600	0	77	6972	34795	0	0	0	1893	3061	288	0	0	10825	841250	2414
78	MAR	FY81	406	0	78	7250	24313	0	0	0	332	3778	288	0	0	23397	1169850	1153

OBS	WT3	NUM4	WT4	NUM5	WT5	DIRIR	INDIR	MBTU	HTCMRTU	MBTUHR	UNITS	TOTWT	TOTHR	MBTUADJ	HTGADJ
53	1044000	0	0	0	0	40802	79664	77411	64836	73002	681	1044000	120466	77411	0
54	2207000	6707	391200	0	0	40802	79664	45895	37607	45813	7959	2508200	120466	45895	0
55	1300000	10560	624800	0	0	40534	82940	35126	24008	21491	11342	1924800	123474	35126	0
56	130000	15749	931960	0	0	40534	82940	22067	11719	17142	15815	964960	123474	22067	0
57	2258000	13627	793350	0	0	40534	82940	20008	7804	16829	14927	3051350	123474	20008	0
58	2467000	92930	281713	0	0	44032	76695	16802	4557	14768	97534	2913863	120727	16802	0
59	4392500	10589	628230	0	0	44032	76695	19872	5927	16085	19374	5020730	120727	19872	0
60	4010000	8949	528300	0	0	35018	71161	13299	3616	12872	9455	931100	106179	15593	0
61	1400000	0	0	0	0	35018	71161	27182	16229	20731	700	1400000	106179	13299	0
62	1006000	0	0	0	0	35018	71161	63894	54341	43455	501	1006000	106179	27182	0
63	3080000	0	0	0	0	49188	66268	63912	52913	83537	4514	3080000	115456	63912	0
64	5481000	0	0	0	0	49188	66268	54932	43591	77411	10966	5481000	115456	54912	0
65	2320000	0	0	12123	681852	49188	66268	37004	28696	45895	16781	3010852	115456	37904	0
66	9180000	0	0	0	0	60218	74272	16469	8115	35126	1836	9180000	134490	16469	0
67	1560000	0	0	0	0	60218	74272	12954	2468	22067	7859	1796950	134490	12954	0
68	1080000	0	0	0	0	60218	74272	13162	1658	20008	2466	1213000	134490	13162	0
69	5145000	0	0	1358	52962	64313	72753	12940	423	16802	3518	1112962	137066	12940	0
70	2301500	0	0	4591	275460	64313	72753	16984	3200	19872	14881	5420460	137066	16984	0
71	0	0	0	6565	397900	64313	72753	16984	3200	19872	14881	5420460	137066	16984	0
72	0	0	0	3902	234120	53647	59113	10520	312	15593	8515	2540620	112760	10520	0
73	0	0	0	0	0	53647	59113	44276	34366	27182	0	0	112760	44276	0
74	0	0	0	5771	746260	53647	59113	52662	42854	63894	5771	746260	112760	52662	0
75	0	0	0	1790	69810	61326	62662	68106	57394	63912	3014	174210	123988	74019	7
76	480000	0	0	490	44100	61326	62662	46721	36688	54932	19759	2488350	123988	51037	5
77	1601000	0	0	2626	231140	61326	62662	35673	24645	37904	27176	3706990	123988	38593	9
78	2106000	0	0	0	0	0	0	0	0	0	0	0	0	0	0

OBS	MONTH	FYEAR	HDD	CDD	TIME	FLEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBRFC	NUM1	WT1	NUM2	WT2	NUM3	WT3
79	APR	FY81	54	117	79	6693	4598	0	0	0	250	3191	292	0	0	24504	1225200	1422	711000
80	MAY	FY81	61	81	80	7204	1848	0	0	0	0	3174	292	0	0	22214	1110700	6943	4386000
81	JUN	FY81	0	430	81	8665	3521	0	0	0	0	4236	291	0	0	6386	1183000	6687	3343500
82	JUL	FY81	0	534	82	10579	1577	0	0	0	0	3552	264	0	0	0	0	12586	7181000
83	AUG	FY81	0	412	83	10463	4932	0	0	0	0	3664	264	0	0	0	0	0	0
84	SEP	FY81	25	245	84	9060	2056	0	0	0	0	3642	264	0	0	11016	550800	3906	3199500
85	OCT	FY82	184	49	85	7760	7333	0	0	0	0	3171	311	0	0	0	0	15444	8419500
86	NOV	FY82	393	0	86	8549	28267	0	0	0	0	2965	311	4652	232600	0	0	14184	8016000
87	DEC	FY82	706	0	87	9732	46989	0	0	0	0	553	3045	310	0	171980	859900	11422	8411500
88	JAN	FY82	941	0	88	11078	5915	0	0	0	0	553	3384	326	80	0	0	6457	6217750
89	FEB	FY82	706	0	89	10626	48821	0	0	0	0	280	3629	326	0	0	0	1456	2912000
90	MAR	FY82	353	27	90	10962	27091	0	0	0	0	309	4047	325	0	298	362700	12452	9184000
91	APR	FY82	270	26	91	10011	18080	0	0	0	0	250	3784	350	0	0	0	9774	7011000
92	MAY	FY82	14	183	92	8271	10173	0	0	0	0	3229	350	50	50	778	778	7037	6866500
93	JUN	FY82	4	252	93	9396	3736	0	0	0	0	4195	350	94	4700	2256791	23016496	14724	10174500
94	JUL	FY82	0	493	94	10231	3027	0	0	0	0	3748	227	0	0	2791765	16438800	14513	8609500
95	AUG	FY82	0	510	95	11530	4948	0	0	0	0	4655	227	0	0	3137249	17380000	2604	390600
96	SEP	FY82	28	249	96	9396	6136	0	0	0	0	3623	227	0	0	1399100	6995500	1486	2972000

OBS	NUM4	WT4	NUM5	WT5	DIRIR	INDIR	MBTU	HICMBTU	MBTU/YR	UNITS	TOTLW	TOTLRS	MBTUADJ	HICADJ
79	0	0	6573	577170	68820	65345	14732	4848	16469	32499	2513370	134165	15120	5
80	0	0	166	13280	68820	65345	12226	1848	12954	29323	5509980	134165	12664	8
81	0	0	224	16120	68820	65345	16422	3521	13162	13277	3677920	134165	16422	0
82	0	0	90	5620	74469	59205	15708	1577	12940	12676	7186620	133674	15708	0
83	0	0	0	0	74469	59205	19059	4932	16984	14922	3750360	133674	19059	0
84	0	0	0	0	74469	59205	15708	2656	14204	14922	3750360	133674	15537	9
85	7905	73912	101	5150	63212	53909	18264	7333	10520	23452	8498562	117121	19587	7
86	9329	87226	67	3150	63212	53909	39781	28267	44276	28232	8339176	117121	42608	3
87	8625	80644	61	3050	63212	53909	60719	47542	52662	192088	9355094	117121	66045	6
88	0	0	0	0	82791	62539	74970	60468	68106	6547	6217840	145330	81699	8
89	124061	71057	43	2150	82791	62539	63356	49101	46721	126160	2985207	145330	68435	1
90	6720	3830	304	15200	82791	62539	42409	27400	35673	19774	9565730	145330	44948	6
91	128198	73073	15058	752900	90973	64115	32125	18330	14732	153030	7836973	155088	34067	4
92	259248	337065	12596	551832	90973	64115	21673	10173	12226	279709	7756225	155088	21733	7
93	370819	211367	30886	1159140	90973	64115	17327	3736	16422	2673314	34586203	155088	17355	8
94	762951	206847	26565	1022410	89091	63527	17006	3027	15708	3195794	26277557	152618	17006	0
95	453174	258190	31570	1962740	89091	63527	21133	4948	19059	3624997	19991530	152618	21133	0
96	197986	112852	8222	240660	89091	63527	19155	6136	15358	1606794	10327012	152618	19356	4

OBS	MONTH	YEAR	HEO	CHD	TIME	ELC	NATGAS	CUAL	FTG	HW	FSK	MKGAS	THRRFC	PDUM	W11	MUM7	W12	MUM3
1	OCT	1975	195	30	1	16865	0	15321	0	0	0	3628	3053	1111451	5059634	6652	5286160	1943338
2	NOV	1975	464	22	2	17493	0	22761	0	0	0	4305	3044	1275012	6545404	4218	3378450	1842859
3	DEC	1975	685	0	3	16994	0	25809	0	0	0	3696	3167	1286263	6624434	4408	3570150	1581447
4	JAN	1975	665	3	4	19790	0	24834	0	0	0	4841	3157	2111751	6862857	4848	3882540	2125329
5	FEB	1975	567	0	5	20207	0	23007	0	0	0	3145	1845401	2111751	8214081	4426	3543200	1605568
6	MAR	1975	547	3	6	18328	0	23425	0	0	0	4121	7145	2072876	7942968	4728	3784830	2571084
7	APR	1975	241	55	7	17957	0	16247	0	0	0	4179	3161	2156599	7638196	5128	4145280	2598372
8	MAY	1975	6	183	8	16913	0	12954	0	0	0	4799	3153	7369727	8560698	5166	4128840	2678866
9	JUN	1975	0	341	9	19917	0	8996	0	0	0	4053	3135	7506374	9248854	5012	4013410	2291539
10	JUL	1975	0	424	10	18838	0	9734	0	0	0	6054	2791	1662796	11010158	47736	4049308	2789181
11	AUG	1975	0	444	11	18119	0	7816	0	0	0	6873	2716	1515742	7762681	2850	2254710	1136992
12	SEP	1975	68	163	12	18165	0	8000	0	0	0	9968	2549	774751	2341755	2862	2264490	2253834
13	OCT	1975	118	62	13	14651	0	14429	0	0	0	17637	2523	669169	10015127	2471	1961720	1517806
14	NOV	1975	398	19	14	17370	0	19959	0	0	0	28175	2530	5110671	8114720	2788	2204180	1288166
15	DEC	1975	683	0	15	17794	0	24948	0	0	0	29373	2522	5710672	7000927	2564	2052050	1917246
16	JAN	1976	870	0	16	19627	0	26989	0	0	0	45980	2152	483671	5810576	1505	1265630	787239
17	FEB	1976	417	1	17	16750	0	15608	0	0	0	26136	1737	129197	5256527	1480	1197520	1202517
18	MAR	1976	303	28	18	13653	0	15068	0	0	0	16910	1523	114014	4858776	1310	1075360	29167
19	APR	1976	183	36	19	12354	0	9660	0	0	0	13844	1296	105816	4600607	1142	951290	125997
20	MAY	1976	94	68	20	10521	0	8504	0	0	0	9155	1281	102857	3403581	1160	1004440	132109
21	JUN	1976	0	257	21	11403	0	6537	0	0	0	4835	1287	101653	4119142	1236	1153830	10756
22	JUL	1976	0	363	22	12029	0	5752	0	0	0	6854	1275	90585	1955463	1165	1091890	1943870
23	AUG	1976	0	299	23	11739	0	5408	0	0	0	2862	1258	104271	1977113	1195	1123800	266990
24	SEP	1976	31	92	24	10138	0	5875	0	0	0	2371	1259	103887	1866339	1161	1036190	601304
25	OCT	1977	319	10	25	9941	0	12597	0	0	0	6528	1247	103101	4116099	1161	1036190	601304
26	NOV	1977	718	0	26	12192	0	26126	0	0	0	22318	1251	79007	1005141	1161	1036190	601304

OBS	W11	NUM4	W14	NUM5	W15	NUM6	RECPTD	REUTYR	UNIT5	UNIT6	UNIT7	UNIT8	UNIT9	UNIT10	UNIT11	UNIT12	UNIT13	UNIT14
1	424165	1220527	1915089	1273868	65058848	36815	16321	5555866	76452906	36815	16321	5555866	76452906	36815	16321	5555866	76452906	36815
2	429407	1012209	1666229	1058213	54135248	44559	22761	5202531	6515177	44559	22761	5202531	6515177	44559	22761	5202531	6515177	44559
3	360172	1589620	1585911	116889	54080752	46199	25809	5580627	66181369	46199	25809	5580627	66181369	46199	25809	5580627	66181369	46199
4	495592	1907351	2248143	616650	27137280	50464	25833	6785931	40626412	50464	25833	6785931	40626412	50464	25833	6785931	40626412	50464
5	343985	1084504	1514487	568132	27140896	47141	23007	5108031	40755651	47141	23007	5108031	40755651	47141	23007	5108031	40755651	47141
6	580123	1015358	1894549	567607	27107056	45854	23425	6231653	41318726	45854	23425	6231653	41318726	45854	23425	6231653	41318726	45854
7	576801	1392588	2168484	565890	27358816	38193	16247	6718987	41917777	38193	16247	6718987	41917777	38193	16247	6718987	41917777	38193
8	633119	1038142	1925797	911348	49212784	34666	12954	5364499	64400798	34666	12954	5364499	64400798	34666	12954	5364499	64400798	34666
9	533213	1084368	1910372	959485	51504944	12966	8996	5099091	67211798	12966	8996	5099091	67211798	12966	8996	5099091	67211798	12966
10	655811	1295700	1869827	686755	36548256	38532	15788	5882168	57151360	38532	15788	5882168	57151360	38532	15788	5882168	57151360	38532
11	521517	1145472	1751790	27437	1097430	17191	14689	3828493	13188178	17191	14689	3828493	13188178	17191	14689	3828493	13188178	17191
12	620667	1162510	1760115	53946	29973	39541	17968	4247503	12128000	39541	17968	4247503	12128000	39541	17968	4247503	12128000	39541
13	883575	1394625	2148760	77912	54641	51553	32072	4411769	15629117	51553	32072	4411769	15629117	51553	32072	4411769	15629117	51553
14	520460	918931	1582018	38088	38088	69252	48114	44559	3008973	12247106	69252	48114	44559	3008973	12247106	69252	48114	44559
15	348716	996084	1865418	0	0	76938	54121	46499	2858100	11421291	76938	54121	46499	2858100	11421291	76938	54121	46499
16	686133	851868	1746774	0	0	98234	72469	50464	1745549	10115548	98234	72469	50464	1745549	10115548	98234	72469	50464
17	418092	741156	1568702	0	0	62413	41944	47341	1659097	8504541	62413	41944	47341	1659097	8504541	62413	41944	47341
18	692725	416561	870834	10500	18300	39171	31978	45864	1745092	7649209	39171	31978	45864	1745092	7649209	39171	31978	45864
19	174717	123570	246236	0	0	37150	23504	38383	259883	6096940	37150	23504	38383	259883	6096940	37150	23504	38383
20	41421	26452	55339	0	0	11570	17659	34666	256348	4962711	11570	17659	34666	256348	4962711	11570	17659	34666
21	760	36101	75812	0	0	26284	11472	32966	159854	5200334	26284	11472	32966	159854	5200334	26284	11472	32966
22	11802	14000	29400	0	0	27911	12506	38532	243054	5088555	27911	12506	38532	243054	5088555	27911	12506	38532
23	1026	84176	180273	0	0	22778	77091	199439	199439	5312292	22778	77091	199439	5312292	22778	77091	199439	5312292
24	251850	87330	186931	117116	65151	21917	6246	39751	2250463	4962511	21917	6246	39751	2250463	4962511	21917	6246	39751
25	111740	48062	103331	262999	199525	12370	19185	51553	1182350	4755497	12370	19185	51553	1182350	4755497	12370	19185	51553
26	60140	0	0	9600	9600	12192	42443	60252	685672	4252003	12192	42443	60252	685672	4252003	12192	42443	60252

ORS	MONTH	YEAR	HDD	CDD	TIME	ELFC	NATGAS	CODL	FTG	HW	FSX	NOGAS	LORERC	NUM1	WT1	NUM2	WT2	NUM3
27	DIC	FY77	872	0	27	12142	0	21574	0	0	28618	3302	1250	104608	4426971	1577	1278010	279153
28	JAN	FY77	1250	0	28	16558	0	25784	0	0	37674	3155	1244	109417	4519556	1465	1186100	19478
29	FEB	FY77	679	0	29	14016	0	17142	0	0	24584	2910	1235	112898	4811481	1238	1100310	500
30	MAR	FY77	350	11	30	9941	0	11945	0	0	8056	2877	1232	140845	6187700	1297	1204830	34020
31	APR	FY77	129	74	31	9442	0	7114	0	0	10754	3797	1224	121401	5191810	1367	1124070	980
32	MAY	FY77	28	253	32	9051	0	6096	0	0	1013	2688	1233	95416	4210178	1560	1266360	68819
33	JUN	FY77	1	371	31	10231	0	5358	0	0	2265	2441	1234	96844	4289260	1402	1118780	150850
34	JUL	FY77	0	543	34	10950	0	4007	0	0	1012	3182	1233	96861	4607957	1236	946860	101800
35	AUG	FY77	0	458	35	10919	0	3023	0	0	2013	2625	1225	101009	4118276	1366	1088720	117950
36	SEP	FY77	1	281	36	10185	0	3122	0	0	3313	3297	1215	83878	3528977	974	856900	99200
37	OCT	FY78	255	11	37	9080	0	18779	0	0	4945	2840	1213	89843	3724001	1170	947250	105600
38	NOV	FY78	425	4	38	9086	0	21498	0	0	6918	2536	1203	97320	3731292	1111	902000	214492
39	DIC	FY78	813	0	39	11983	0	28911	0	0	25148	3518	1117	104906	4109356	1262	1028530	119761
40	JAN	FY78	1152	0	40	15915	0	32052	0	0	29864	2710	1350	119541	4944919	1110	904650	300750
41	FEB	FY78	996	0	41	14744	0	29471	0	0	27665	3365	1378	151220	6050158	1182	963730	96100
42	MAR	FY78	556	1	42	9976	0	26645	0	0	20268	3916	1347	187777	7545526	1400	1131400	339817
43	APR	FY78	164	50	43	9814	0	23980	0	0	6029	3061	1364	142124	5757514	1298	1048420	234900
44	MAY	FY78	92	152	44	9106	0	20642	0	0	5778	2846	1354	124476	5082455	1320	1066350	584386
45	JUN	FY78	0	344	45	10185	0	16813	0	0	3413	3423	1346	123058	4914774	1320	1054460	458957
46	JUL	FY78	0	489	46	10231	0	5998	0	0	2382	2672	1340	106816	4550242	1176	958440	311584
47	AUG	FY78	0	432	47	11948	0	6682	0	0	711	2625	1329	87508	3541016	1314	1087210	0
48	SEP	FY78	1	324	48	10440	0	8357	0	0	2074	3328	1323	61167	2341940	1160	945400	110150
49	OCT	FY79	240	11	49	10022	0	15068	0	0	4479	3175	1317	70076	2910558	1426	1162190	117350
50	NOV	FY79	338	2	50	9442	0	15462	0	0	4503	3623	1311	70706	2598113	1158	943770	100850
51	DIC	FY79	695	0	51	11229	0	21385	0	0	19290	3623	1310	68601	2528227	198	161370	104650
52	JAN	FY79	1088	0	52	14407	0	34208	0	0	24051	3526	1281	75583	2942081	30	15000	148452

ORS	WT3	PRM4	WT4	RUM5	WIS	HOURS	MU11	HIGHM11	MRI11YR	UNITS	TOTW	MRI11ADJ	HIGHADJ	ELCADJ
27	27915	20151	42317	209059	201088		65686	50192	76938	614558	5078701	65686	50192	12192
28	110368	52867	107322	80040	120006		79271	59458	98234	263257	6049852	79271	59458	16658
29	25	91556	177397	158406	551290		58682	41716	62413	364658	6542523	58682	41716	14036
30	204120	105172	197556	125182	239696		32869	20051	50171	406516	8033982	32869	20051	9941
31	5880	105403	196736	60007	185007		30967	18128	39150	291158	6703501	30967	18128	9442
32	1980	95383	186325	169383	637431		19448	7109	31570	428561	6318274	19448	7109	9651
33	2994	91898	177775	169280	261376		20295	7623	26284	509474	5850185	20295	7623	10231
34	1018	179108	180742	276891	296531		19151	5019	27911	655896	5433108	19151	5019	10950
35	1180	81224	123314	81758	241758		18600	5036	22778	383407	5633248	18600	5036	10939
36	992	83560	162663	413	413		19917	6435	21937	268025	4549945	19917	6435	10185
37	1056	115010	202122	5090	50000		36624	23724	32370	316613	4924429	36624	23724	9060
38	12449	94466	187454	100000	172000		42618	30416	57092	507389	5005195	42618	30416	9686
39	20314	82074	172355	50000	395000		69800	54779	65686	357695	5725555	69800	54779	11983
40	21539	31757	66690	30000	300000		80561	61916	79271	483158	6237818	80561	61916	15915
41	961	78407	154776	0	0		75245	57136	58682	326909	7169425	75245	57136	14744
42	12789	61247	128619	102400	655429		60805	46913	32869	587724	9475803	60805	46913	9976
43	63786	69995	146990	115100	146571		42884	30009	30967	668134	7364281	42884	30009	9814
44	47515	0	0	611480	337324		38372	26420	19448	1322162	6533664	38372	26420	9106
45	199213	116156	231845	698255	631913		33834	20226	20295	1398746	7012229	33834	20226	10185
46	44255	114235	221519	604870	328744		21283	8380	19151	1140681	6103200	21283	8380	10231
47	0	388118	712068	790076	716104		22166	7593	18600	1267036	6056398	22166	7593	11948
48	110150	270881	528009	455192	302135		14431	10431	19917	898550	4227614	24199	10431	10440
49	117450	391113	777583	61862	329612		32744	19547	35624	641847	5297191	32744	19547	10022
50	100850	196240	362481	15251	105251		32930	19865	46238	384205	4110485	32930	19865	9442
51	103650	204211	361806	0	0		55527	40675	69800	377660	3156053	55527	40675	11229
52	121880	218939	199549	30000	300000		74192	56259	80561	473004	3785510	74192	56259	14407

OBS	MONTH	YEAR	MOO	END	TIME	ELC	NATGAS	COAL	PTG	HW	FSX	MUGAS	LBTRFC	NUM1	WT1	NUM2	WT2	NUM3
53	FEB	FY79	877	0	53	11990	0	35125	0	0	23457	3415	1278	68221	2705847	30	15000	119434
54	MAR	FY79	443	11	54	10069	0	24580	0	0	13048	4773	1280	67476	2606981	31	15500	169270
55	APR	FY79	213	5	55	9315	0	8824	0	0	6856	2888	1285	69012	2778104	31	15500	281358
56	MAY	FY79	57	103	56	9234	0	7497	0	0	2598	2815	1285	47718	1852742	37	18500	639731
57	JUN	FY79	0	264	57	8897	0	4670	0	0	2167	3787	1291	74194	3013371	60	30000	605862
58	JUL	FY79	0	393	58	9315	0	4867	0	0	70	2656	1301	79102	3218419	63	31500	611893
59	AUG	FY79	0	381	59	10069	0	6096	0	0	2039	4766	1296	98237	4024315	69	34500	145946
60	SEP	FY79	5	175	60	9558	0	5973	0	0	1107	2963	1295	84175	1503621	57	28500	439842
61	OCT	FY80	140	44	61	9524	0	5913	0	0	2691	3124	1294	91213	1308113	69	34500	599193
62	NOV	FY80	487	0	62	10521	0	12437	0	0	7910	3727	1289	69741	281469	60	30000	358792
63	DEC	FY80	723	0	63	11565	0	18460	0	0	18802	2842	1291	88125	2718090	48	24000	148373
64	JAN	FY80	777	0	64	12029	0	21655	0	0	19161	1860	1292	121625	3252625	365	288340	540839
65	FEB	FY80	848	0	65	12157	0	20647	0	0	26253	3503	1272	158272	1649174	18	14670	214134
66	MAR	FY80	571	0	66	11322	0	15731	0	0	10578	2479	1278	137559	314507	0	0	761485
67	APR	FY80	240	17	67	10185	0	6981	0	0	6627	2442	1278	160709	4219045	0	0	498586
68	MAY	FY80	38	131	68	9350	0	4326	0	0	157	3876	1275	232046	1851665	0	0	667839
69	JUN	FY80	0	322	69	9268	0	3884	0	0	157	2528	1272	450746	2760410	0	0	396791
70	JUL	FY80	0	562	70	10904	0	4670	0	0	2045	2435	1254	327430	2535166	0	0	228374
71	AUG	FY80	0	527	71	11693	0	3761	0	0	1410	4067	1256	152157	3731761	0	0	104834
72	SEP	FY80	9	344	72	11194	0	4277	0	0	1351	2499	1250	135402	30045213	0	0	290703
73	OCT	FY81	259	44	73	9234	0	8763	0	0	2289	3279	1265	258141	3876807	0	0	532138
74	NOV	FY81	487	1	74	10440	0	6920	0	0	9524	2354	1274	131641	2955510	0	0	214215
75	DEC	FY81	739	0	75	10730	0	16813	0	0	18322	2660	1289	111161	2553954	0	0	493515
76	JAN	FY81	909	0	76	13618	0	22048	0	0	21538	3781	1280	134311	2777879	0	0	140113
77	FEB	FY81	621	0	77	12864	0	15952	0	0	16708	2656	1273	139115	3420995	0	0	497120
78	MAR	FY81	537	1	78	10521	0	13298	0	0	10248	2461	1279	161771	4014906	578	471070	321766

10 21 SATURDAY FEBRUARY 18, 1964

PROCESS ENERGY ANALYSIS MILAN AAP

OBS	MONTH	FYEAR	HDD	CDD	TIME	ELC	NATGAS	COAL	PIPG	FW	FSX	MUGAS	LBRIEC	NUM1	WT1	NUM2	WT2	NUM3
79	APR	FY81	97	71	79	9234	0	6194	0	0	3584	2699	1271	145283	1375429	168	136920	599609
80	MAY	FY81	96	81	80	9767	0	5629	0	0	2815	3456	1267	144122	1160420	0	0	472121
81	JUN	FY81	0	383	81	10602	0	4523	0	0	355	2598	1278	421745	1720197	0	0	230844
82	JUL	FY81	0	464	82	10649	0	4129	0	0	1041	2805	1288	340211	3631972	0	0	576552
83	AUG	FY81	0	464	83	11056	0	4449	0	0	1066	3552	1284	139214	1121890	0	0	494080
84	SEP	FY81	42	145	84	10104	0	5061	0	0	1870	2993	1272	361805	3894973	0	0	257087
85	OCT	FY82	175	42	85	9976	0	6047	0	0	5949	3084	1274	88966	3519401	0	0	116567
86	NOV	FY82	445	0	86	11322	0	9586	0	0	9621	2681	1279	77316	3104683	0	0	101288
87	DEC	FY82	820	0	87	11356	0	13814	0	0	18472	2673	1279	189139	3435196	0	0	106643
88	JAN	FY82	956	0	88	13444	0	21213	0	0	29307	3104	1268	84116	3532582	0	0	161215
89	FEB	FY82	707	0	89	14488	0	18091	0	0	20810	2866	1251	109149	4176085	0	0	11140
90	MAR	FY82	416	37	90	10858	0	12069	0	0	14290	3404	1237	96155	3775617	0	0	141436
91	APR	FY82	309	4	91	10904	0	6833	0	0	7648	2660	1233	93293	2819725	0	0	139476
92	MAY	FY82	8	199	92	9141	0	5506	0	0	2085	2465	1229	116060	4083711	0	0	187476
93	JUN	FY82	0	256	93	10811	0	5651	0	0	2213	3088	1231	106124	3779238	0	0	94173
94	JUL	FY82	0	470	94	11438	0	6145	0	0	2279	2553	1236	359074	4646528	0	0	47760
95	AUG	FY82	0	352	95	11867	0	5186	0	0	2509	2557	1274	269316	3885982	0	0	54000
96	SEP	FY82	30	177	96	10185	0	6145	0	0	2243	2609	1311	269316	3885982	0	0	54000
OBS	WT3	NUM4	WT4	NUM5	WT5	HOURS	MRTU	HTGMBTU	MRTUYR	UNITS	TOTW	MRTUADJ	HTGADJ	ELCADJ				
79	164046	114144	155377	0	0	30256	21711	9778	26231	859204	3831772	21711	9778	9234				
80	114447	100971	151457	0	0	29251	21667	8444	19329	717214	3451324	21667	8444	9767				
81	123109	52452	78678	0	0	32182	18078	4878	15837	705041	3922984	18078	4878	10602				
82						31909	18626	5172	20054			18626	5172	10649				
83	140453	163729	243237	0	0	30476	20137	5515	20931	1080492	4024662	20137	5515	11066				
84	144533	161863	227866	0	0	32091	20119	6033	19321	794167	3696289	20030	6933	10104				
85	110758	184418	257135	0	0	31429	20695	11996	21562	803310	4281866	20096	11996	9976				
86	105842	203205	268957	0	0	28380	31210	19267	31241	408738	3894200	11210	19207	11322				
87	98172	101353	163853	0	0	32182	40115	32286	48525	279977	3456908	46315	32286	11356				
88	105148	121631	185224	0	0	30318	67068	50520	60985	417413	3726768	67068	50520	13444				
89	147291	149009	223514	0	0	27732	56255	38901	48180	394340	4013787	56255	38901	14488				
90	22103	178826	268239	100064	5403456	32387	40621	26359	36928	429379	9870783	41618	27335	10879				
91	117216	214251	273421	16	864	29348	28045	14481	21711	451858	4167138	28772	15206	10906				
92	120858	157102	233740	0	0	28609	19197	7591	21667	389871	3174323	19197	7609	9256				
93	150478	153594	270391	0	0	30898	21765	7866	18078	457130	4473640	21913	7866	10959				
94	81168	162965	244448	0	0	30201	22415	8424	18626	363462	4106854	22687	8424	11710				
95	30428	39168	58752	0	0	31781	22119	7695	20133	446002	4725708	22123	7695	12071				
96	63000	163312	244968	0	0	31981	21182	8388	20030	486628	4184490	21155	8458	10287				

OBS	MONTH	YEAR	HDD	CHD	TIME	FEET	MAT'NS	CUA	PWG	1W	FSX	MOGAS	1801 RC	MBTU	HECMBTU	MBTU/YR	MBTU/ADJ	HTGADJ
1	OCT	FY75	380	3	1	12284	900	0	0	0	9786	991	292	24051	10776	24051	24051	16776
2	NOV	FY75	671	2	2	11472	267	0	0	0	17335	921	273	29995	19002	29995	29995	17602
3	DEC	FY75	988	0	3	9152	293	0	0	0	20411	709	274	30565	20704	30565	30565	26704
4	JAN	FY75	1016	0	4	9036	0	0	5.12	0	20178	918	266	30604	20710	30604	30604	20710
5	FEB	FY75	918	0	5	8793	728	0	0	0	20782	696	249	30500	21110	30500	30500	21110
6	MAR	FY75	866	0	6	7250	248	0	0	0	16025	643	229	24166	16273	24166	24166	16273
7	APR	FY75	481	3	7	7655	0	0	0	0	16392	899	225	24947	16392	24947	24947	16392
8	MAY	FY75	78	100	8	7088	0	0	0	0	6763	671	212	14522	6763	14522	14522	6763
9	JUN	FY75	22	222	9	6882	3113	0	0	0	216	635	206	10651	3134	10651	10651	3134
10	JUL	FY75	8	281	10	6925	1952	0	0	0	0	658	204	9535	1952	9535	9535	1952
11	AUG	FY75	11	355	11	6276	1756	0	0	0	0	756	208	8788	1756	8788	8788	1756
12	SEP	FY75	137	71	12	6682	2013	0	0	0	52	553	211	9100	2065	9100	9100	2065
13	OCT	FY76	288	14	13	6798	0	0	32	0	8260	822	210	15912	8292	24051	15912	8292
14	NOV	FY76	551	0	14	6600	0	0	32	0	7293	531	214	14456	7325	29995	14456	7325
15	DEC	FY76	992	0	15	6844	0	0	32	0	17848	730	214	25454	17880	30565	25454	17880
16	JAN	FY76	1265	0	16	7169	0	0	297	0	19776	739	212	27981	20073	30664	27981	20073
17	FEB	FY76	754	0	17	6841	0	0	205	0	16310	650	211	24009	16515	30599	24009	16515
18	MAR	FY76	564	0	18	5951	0	0	56	0	11638	649	209	18294	11694	24166	18294	11694
19	APR	FY76	363	21	19	5220	0	0	56	0	5749	818	207	11843	5905	24947	11843	5905
20	MAY	FY76	203	15	20	4976	0	0	56	0	1118	573	207	9027	3400	14522	9027	3400
21	JUN	FY76	1	198	21	4570	0	0	0	0	874	742	203	6261	1119	10651	6261	1118
22	JUL	FY76	0	284	22	4895	0	0	0	0	699	642	182	5749	699	8788	5749	699
23	AUG	FY76	2	205	23	4408	0	0	0	0	1153	596	180	5405	1153	9300	5995	1153
24	SEP	FY76	79	43	24	4246	0	0	0	0	6903	724	183	12279	6903	15912	12279	6903
25	OCT	FY77	503	4	25	4652	0	0	0	0	12914	621	179	18755	12914	14456	18755	12914
26	NOV	FY77	904	0	26	5220	0	0	0	0	21972	830	190	28509	21972	25454	28509	21972
27	DEC	FY77	1249	0	27	5707	0	0	1	0	22148	808	190	29120	22148	27981	29120	22148
28	JAN	FY77	1693	0	28	6194	0	0	0	0	19380	718	189	26517	19380	24009	26517	19380
29	FEB	FY77	1025	0	29	6519	0	0	0	0	12209	655	186	17927	17927	18294	17927	18294
30	MAR	FY77	567	3	30	5058	0	0	0	0	5656	875	186	11183	5656	11843	11183	5656
31	APR	FY77	276	45	31	4052	0	0	0	0	1468	550	191	6426	1468	9027	6426	1468
32	MAY	FY77	45	226	32	4108	0	0	0	0	0	527	189	4042	0	6261	4042	0
33	JUN	FY77	19	212	33	4515	0	0	0	0	0	672	196	3943	0	6511	3943	0
34	JUL	FY77	0	410	34	3271	0	0	0	0	0	619	236	3890	0	5749	3890	0
35	AUG	FY77	0	286	35	3271	0	0	0	0	0	928	233	4302	265	5995	4302	265
36	SEP	FY77	30	175	36	3109	265	0	0	0	4934	704	233	8028	4934	12279	8028	4934
37	OCT	FY78	326	0	37	3190	0	0	0	0	6576	628	224	10881	6576	18755	10881	6576
38	NOV	FY78	575	6	38	3677	0	0	0	0	20021	972	224	25401	20021	28509	25401	20021
39	DEC	FY78	1104	0	39	4308	0	0	0	0	19450	803	223	27167	19450	29120	27167	19450
40	JAN	FY78	1443	0	40	6914	0	0	0	0	13753	735	222	20960	13753	26617	20960	13753
41	FEB	FY78	1313	0	41	6472	0	0	0	0	17568	910	220	23779	17568	17922	23779	17568
42	MAR	FY78	871	0	42	5101	0	0	0	0	5877	626	228	12179	5877	11183	12179	5877
43	APR	FY78	292	4	43	5626	0	0	0	0	3120	688	242	9147	3120	6426	9147	3120
44	MAY	FY78	150	110	44	5139	0	0	0	0	198	845	243	5138	198	4042	5138	198
45	JUN	FY78	4	282	45	4115	0	0	0	0	0	671	241	5485	0	3943	5485	0
46	JUL	FY78	0	382	46	4414	0	0	0	0	0	745	238	5027	0	3890	5027	0
47	AUG	FY78	0	318	47	4292	0	0	0	0	0	980	232	5259	80	4302	5259	80
48	SEP	FY78	36	203	48	4199	80	0	0	0	8831	760	230	11210	8831	8828	13210	8831
49	OCT	FY79	377	1	49	4619	0	0	0	0	16091	758	225	12900	16091	10881	12900	16091
50	NOV	FY79	571	0	50	4141	0	0	0	0	14696	1113	223	21342	14696	25401	21342	14696
51	DEC	FY79	944	0	51	5533	0	0	0	0	17825	1050	234	24977	17825	27167	24977	17825
52	JAN	FY79	1453	0	52	6102	0	0	0	0	22356	978	230	29551	22356	20960	29551	22356
53	FEB	FY79	1288	0	53	6217	0	0	0	0	18663	1074	227	25177	18663	23779	25177	18663
54	MAR	FY79	665	0	54	5440	0	0	0	0	8202	666	227	14065	8202	12179	14065	8202
55	APR	FY79	455	7	55	5197	0	0	0	0	3652	611	243	8416	3652	9147	8416	3652
56	MAY	FY79	170	57	56	4154	0	0	0	0	0	0	243	8416	3652	9147	8416	3652

ORS	MONTH	FYEAR	HUD	CDU	TIME	ELFC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBRERC	MBTU	MBTUHR	MBTUADJ	HTGADJ
57	JUN	FY79	5	197	57	3921	987	0	0	0	344	713	243	5965	5358	5965	1331.0
58	JUL	FY79	3	255	58	4002	991	0	0	0	280	630	264	5903	5485	5903	1271.0
59	AUG	FY79	13	250	59	4246	0	0	0	0	0	780	264	5026	0	5026	0.0
60	SEP	FY79	87	92	60	3956	0	0	0	0	6	663	265	4625	5259	4625	6.0
61	OCT	FY80	384	24	61	4686	5246	0	0	0	0	683	270	10615	13210	10615	5246.0
62	NOV	FY80	705	0	62	4860	10529	0	0	0	1550	838	268	17837	12990	17837	12079.0
63	DEC	FY80	923	0	63	5614	0	0	0	0	13665	855	268	20134	21342	20134	13665.0
64	JAN	FY80	1123	0	64	6368	0	0	0	0	15232	840	281	22490	24977	22490	15232.0
65	FEB	FY80	1224	0	65	6276	16014	0	0	0	4241	1086	280	27617	29551	27617	20255.0
66	MAR	FY80	893	0	66	5951	14552	0	0	0	58	810	279	21371	25177	21371	14610.0
67	APR	FY80	474	3	67	5788	7394	0	0	0	64	632	285	13878	14065	13878	7458.0
68	MAY	FY80	93	68	68	4327	878	0	0	0	99	963	283	6267	8416	6267	977.0
69	JUN	FY80	36	168	69	3898	0	0	0	0	29	748	282	4675	5965	4675	29.0
70	JUL	FY80	0	425	70	3167	0	0	0	0	52	679	280	3898	52	3898	52.0
71	AUG	FY80	0	368	71	3617	0	0	0	0	64	832	280	4513	5026	4513	64.0
72	SEP	FY80	45	139	72	3503	50	0	0	0	122	680	279	11215	10615	11215	172.0
73	OCT	FY81	438	6	73	3503	6879	0	0	0	0	833	285	19655	17837	19655	6879.0
74	NOV	FY81	734	0	74	4188	14827	0	0	0	0	640	290	23961	20134	23961	17719.0
75	DEC	FY81	1022	0	75	5313	17719	0	0	0	0	929	295	24750	22440	24750	18377.0
76	JAN	FY81	1279	0	76	5313	18251	0	126	0	0	1060	298	24750	22440	24750	18377.0
77	FEB	FY81	889	0	77	5429	15245	0	105	0	0	818	304	21597	21597	21597	15350.0
78	MAR	FY81	769	1	78	6218	13013	0	69	0	0	909	300	20209	21371	20209	13082.0
79	APR	FY81	244	23	79	4304	4227	0	12	0	0	881	303	9424	13878	9424	4239.0
80	MAY	FY81	180	29	80	4246	2679	0	12	0	0	870	301	7807	6267	7807	2691.0
81	JUN	FY81	1	256	81	3700	0	0	0	0	0	796	294	4496	4675	4496	0.0
82	JUL	FY81	1	332	82	4014	0	0	0	0	0	701	292	4745	3898	4715	0.0
83	AUG	FY81	0	249	83	3828	0	0	1	0	0	663	292	4491	4513	4491	0.0
84	SEP	FY81	94	88	84	4327	0	0	0	0	0	802	292	5129	4355	5129	0.0
85	OCT	FY82	368	5	85	3840	4132	0	0	0	0	930	292	8902	11215	8902	4132.0
86	NOV	FY82	621	0	86	4652	12746	0	0	0	0	829	292	18227	19655	18227	12746.0
87	DEC	FY82	1146	0	87	5788	17679	0	0	0	0	947	293	24414	23961	24414	17679.0
88	JAN	FY82	1388	0	88	6194	16228	0	0	0	4485	1016	297	27923	24750	33877	26667.9
89	FEB	FY82	1075	0	89	5707	15302	0	0	0	1212	896	297	23117	21597	27729	21126.1
90	MAR	FY82	690	0	90	5730	14676	0	0	0	0	931	297	21337	20209	24297	17636.3
91	APR	FY82	486	0	91	5139	9005	0	0	0	0	852	297	14996	9424	17081	11090.1
92	MAY	FY82	26	146	92	4083	416	0	0	0	0	708	298	5207	7807	5318	527.5
93	JUN	FY82	18	109	93	4164	0	0	0	0	0	805	296	4969	4496	5046	77.2
94	JUL	FY82	0	356	94	3990	0	0	0	0	0	660	301	4650	4715	4650	0.0
95	AUG	FY82	2	214	95	3840	0	0	0	0	0	630	300	4470	4491	4478	8.6
96	SEP	FY82	110	98	96	4164	0	0	0	0	0	721	299	4885	5129	5356	471.9

PROCESS IMPROVEMENT ANALYSIS

PROCESS IMPROVEMENT ANALYSIS

OBS	MONTH	YEAR	IND	CND	TIME	PURELC	GRFCLC	TOTSLM	PPG	LLSLM	FSX	MRGAS	LBRFRG	MVAI	WT1
1	OCT	FY75	471	0	1	13258	24000	4	104087	22	16987	121655			
2	NOV	FY75	638	0	2	12133	24847	2	130505	49	18231	147482		3600	29520
3	DEC	FY75	917	0	3	12191	26508	8	148004	60	19526	182648	5244	1844	15121
4	JAN	FY75	1027	0	4	10556	27167	2	161885	75	19985	194614		0	0
5	FEB	FY75	919	0	5	10880	30392	0	171381	61	22359	206677		0	0
6	MAR	FY75	841	0	6	10196	26123	2	138458	55	18563	172891		3680	30175
7	APR	FY75	577	0	7	10857	25833	2	162931	58	19447	195221		5671	43472
8	MAY	FY75	98	79	8	12225	23176	8	97490	62	16909	129917		5858	44922
9	JUN	FY75	19	154	9	18096	20740	8	76039	42	15255	100291		3705	30381
10	JUL	FY75	0	279	10	21761	20311	6	69375	43	10659	81321	5318	6108	50086
11	AUG	FY75	7	247	11	21123	18490	4	63613	60	9566	74058		2975	24195
12	SEP	FY75	122	18	12	18652	18826	8	63737	48	9765	23666		0	0
13	OCT	FY76	257	17	13	14801	20914	8	74115	48	11498	84235		0	0
14	NOV	FY76	482	1	14	15764	22237	2	103974	63	11970	118279		0	0
15	DEC	FY76	995	0	15	14117	22828	8	131013	59	12481	153714		0	0
16	JAN	FY76	1262	0	16	8862	31366	4	190701	66	17030	211724		0	0
17	FEB	FY76	820	0	17	10126	30751	6	204614	43	16583	211657		0	0
18	MAR	FY76	713	0	18	9651	26912	0	168170	88	14350	173839		0	0
19	APR	FY76	414	37	19	11669	28411	6	155605	80	14961	172585		0	0
20	MAY	FY76	219	20	20	18281	21019	2	110289	12	11271	118738		0	0
21	JUN	FY76	28	262	21	20056	21135	2	86780	59	11094	93905		0	0
22	JUL	FY76	1	214	22	22828	16298	0	64062	0	8683	67583		0	0
23	AUG	FY76	9	203	23	26100	16704	0	60707	0	8573	66436		0	0
24	SEP	FY76	101	59	24	22666	17945	2	62155	0	9309	48791		0	0
25	OCT	FY77	455	2	25	14511	21448	4	89228	0	11339	98266	4772	0	0
26	NOV	FY77	817	0	26	13920	22121	2	145141	0	11767	163454		0	0

OBS	NUM2	WT2	NUM3	WT3	MBTU	HIGHBUD	ELFC	MBTU/HR	UNITS	TOUWI	AUTUARD	HIGADJ	FILEADJ
1	47676	154947	5440		137286	101823	37259	2	56716	451027	137285	101823	37259
2	43308	140751	720		162491	125929	36980	8	45872	191152	162491	126929	36980
3	53880	175110	5300		196920	158611	38790	4	59180	434810	196920	158611	38790
4	34900	113425	4000		207944	170664	37723	2	38980	313345	207944	170664	37723
5	16752	54444	610		220087	179774	41272	8	21042	114510	220087	179774	41272
6	0	0	3500		208580	149768	36319	6	9171	214972	208580	149768	36319
7	0	0	5380		263620	145264	35403	2	11238	308542	263620	145264	35403
8	0	0	1840		120920	107462	38836	8	5545	120541	120920	107462	38836
9	0	0	12065		105752	68870	42073	2	18173	641271	105752	68870	42073
10	0	0	90160		10752	62981	39514	0	6584	201240	10752	62981	39514
11	0	0	176841		97977	62981	39514	0	3760	184230	97977	62981	39514
12	0	0	3760		184240	94405	37479	6	3760	184230	94405	62428	37479
13	0	0	4826		236474	101600	35716	4	4826	236474	101600	71215	35716
14	0	0	7589		171861	136086	104725	38001	7589	371861	136086	104725	38001
15	0	0	862		42738	169934	139129	36946	862	42738	169934	139129	36946
16	0	0	718		35182	227459	192882	40228	718	35182	227459	192882	40228
17	0	0	2397		117453	224170	194546	40878	2397	117453	224170	194546	40878
18	0	0	9352		458248	195897	159094	36563	9352	458248	195897	159094	36563
19	0	0	0		0	186852	156071	40101	0	0	186852	156071	40101
20	0	0	0		0	139318	106616	39300	0	0	139318	106616	39300
21	0	0	0		0	116033	81959	41191	0	0	116033	81959	41191
22	0	0	0		0	92695	58550	39126	0	0	92695	58550	39126
23	0	0	2004		2004	94365	57054	42804	2004	2004	94365	57054	42804
24	0	0	0		0	73697	41484	40611	0	0	73697	41484	40611
25	0	0	0		0	113973	85779	35960	0	0	113973	85779	35960
26	0	0	3503		3503	179317	150229	36041	3503	3503	179317	150229	36041

OBS	MONTH	FYEAR	HDD	CUR	TIME	PURELC	GENELC	TOTSTM	PPG	ELSTM	FSX	MH/AS	LBH/RC	NUM1	WT1
27	DEC	FY77	1174	0	27	14592.8	22446.0	169267	0	12276	188852	2413		0	0
28	JAN	FY77	1428	0	28	15172.8	22596.8	190453	0	12529	206100	2546		0	0
29	FEB	FY77	950	0	29	15184.4	22861.6	185220	0	12466	206301	2132		0	0
30	MAR	FY77	604	4	30	12980.4	25276.4	158349	0	13662	179362	2658	5864	0	0
31	APR	FY77	384	13	31	14279.6	23026.0	135502	0	12200	151271	2914		123	154
32	MAY	FY77	127	99	32	14198.4	21831.2	95694	0	11356	107653	2107		0	0
33	JUN	FY77	35	155	33	15926.8	23200.0	81155	0	11992	95060	1927	5848	0	0
34	JUL	FY77	0	331	34	20462.4	21784.8	59400	0	11122	74591	2907		0	0
35	AUG	FY77	10	263	35	22434.4	20427.6	58306	0	10489	67645	2517		0	0
36	SEP	FY77	56	115	36	20543.6	21935.6	67524	0	11335	73813	2972	5843	0	0
37	OCT	FY78	346	1	37	16034.4	20822.0	83771	0	10956	93060	2264	4959	0	0
38	NOV	FY78	623	5	38	15254.0	22620.0	132404	0	11949	146926	1948	5000	0	0
39	DEC	FY78	1077	0	39	13316.8	24128.0	179040	0	12837	174478	3485	5048	0	0
40	JAN	FY78	1238	0	40	14546.4	26390.0	186119	0	14042	207224	2618	5091	0	0
41	FEB	FY78	1190	0	41	12307.6	28884.0	196914	0	15326	219262	2819	5139	0	0
42	MAR	FY78	871	0	42	15486.0	20056.4	147426	0	10785	164120	3156	5131	0	0
43	APR	FY78	430	0	43	19766.4	20427.6	138311	0	10824	155361	2984	5155	0	0
44	MAY	FY78	189	65	44	18397.6	18594.8	111267	0	10055	123165	3360	5189	0	0
45	JUN	FY78	15	196	45	26146.4	25868.0	74903	0	13484	84873	2864	5260	0	0
46	JUL	FY78	9	247	46	20346.4	21100.4	70336	0	11074	79560	2462	5303	0	0
47	AUG	FY78	0	264	47	25926.0	24406.4	66550	0	11812	79560	2866	5337	0	0
48	SEP	FY78	94	76	48	26158.0	17168.0	74973	0	8348	67525	3456	5299	0	0
49	OCT	FY79	368	0	49	18768.8	22318.4	97588	0	11501	93810	2846	5228	0	0
50	NOV	FY79	614	0	50	18397.6	22689.6	135809	0	12228	130549	2741	5234	0	0
51	DEC	FY79	971	0	51	15567.2	26819.2	202129	0	14399	170965	2892	5247	0	0
52	JAN	FY79	1142	0	52	17748.0	25009.6	221181	0	13521	158963	3652	5247	0	0
OBS	NUM2	WT2	NUM3	WT3	MBTH	HIGMRTH	ELTC	MBTU1YR	UNITS	TOTW	MBTUADJ	HTGRADJ	ELECADJ		
27	0	0	1458	1458	205878	175155	37038.8	169934	1458	1458	205878	175155	37038.8		
28	0	0	1584	1584	223819	192542	37769.6	223459	1584	1584	223819	192542	37769.6		
29	29	2973	3396	3396	223817	192416	38048.0	224170	3425	6109	223817	192416	38048.0		
30	0	0	2128	2128	195001	163887	38256.8	185897	2128	2128	195001	163887	38256.8		
31	125	12813	2076	2076	168465	137651	37305.6	186852	2324	15043	168465	137651	37305.6		
32	24	2460	0	0	123959	94878	36029.6	139318	24	2460	123959	94878	36029.6		
33	0	0	0	0	112914	81013	39126.8	116033	0	0	112914	81013	39126.8		
34	18	1845	0	0	97961	60625	42247.2	92695	18	1845	97961	60625	42247.2		
35	0	0	0	0	92596	55476	42862.0	94365	0	0	92596	55476	42862.0		
36	0	0	0	0	97328	61422	42479.2	73697	0	0	97328	61422	42479.2		
37	0	0	3500	3500	111958	80889	37456.4	113973	3500	3500	111958	80889	37456.4		
38	0	0	6441	6441	164128	133666	37874.0	179317	6441	6441	164128	133666	37874.0		
39	0	0	3204	3204	191280	161968	37444.8	205878	3204	3204	191280	161968	37444.8		
40	0	0	0	0	224388	191589	40936.4	223819	0	0	224388	191589	40936.4		
41	0	0	4668	4668	234418	202196	41191.6	223817	4668	4668	234418	202196	41191.6		
42	0	0	3948	3948	182762	152117	35542.4	195001	3948	3948	182762	152117	35542.4		
43	0	0	2304	2304	178111	143203	40194.0	168465	2304	2304	178111	143203	40194.0		
44	0	0	3192	3192	144923	112035	36992.4	123959	3192	3192	144923	112035	36992.4		
45	0	0	0	0	113884	69595	52014.4	112914	0	0	113884	69595	52014.4		
46	0	0	0	0	102368	67033	41446.8	97961	0	0	102368	67033	41446.8		
47	0	0	0	0	108352	65419	50332.4	92596	0	0	108352	65419	50332.4		
48	0	0	0	0	97139	60006	43276.0	92328	0	0	97139	60006	43276.0		
49	0	0	0	0	115425	82754	41087.2	111958	0	0	115425	82754	41087.2		
50	0	0	0	0	151687	118794	41087.2	164128	0	0	151687	118794	41087.2		
51	0	0	0	0	189424	158786	42386.4	191280	0	0	189424	158786	42386.4		
52	0	0	0	0	180363	149246	42757.6	224388	0	0	180363	149246	42757.6		

OBS	MONTH	FYEAR	HDD	CDD	TIME	PURELC	GENCLC	TOTSTM	PPG	ELSTM	FSX	MCGAS	LBREPC	NUM1	WFI
53	FEB	FY79	1241	0	53	19754	8	187822	0	15723	220076	3821	5272	0	0
54	MAR	FY79	633	0	54	21204	8	128707	0	10822	169285	3609	5307	0	0
55	APR	FY79	460	1	55	23466	8	152961	0	11814	161520	2130	5315	0	0
56	MAY	FY79	125	42	56	24928	4	103731	0	10301	101173	3612	5356	0	0
57	JUN	FY79	29	126	57	29800	4	81521	0	8281	75318	2851	5393	0	0
58	JUL	FY79	13	274	58	32004	4	74247	0	6716	69570	2893	5379	0	0
59	AUG	FY79	22	268	59	32143	6	83462	0	8306	74478	6504	5326	0	0
60	SEP	FY79	76	92	60	32329	2	70714	0	7859	62170	3114	5260	0	0
61	OCT	FY80	386	7	61	25288	0	16169	0	8314	86775	3412	5257	0	0
62	NOV	FY80	509	1	62	25450	4	124900	0	11123	135094	2972	5271	0	0
63	DEC	FY80	884	0	63	21158	4	147364	0	12102	159090	2245	5259	0	0
64	JAN	FY80	1058	0	64	20752	4	150604	0	12644	163298	2654	5200	0	0
65	FEB	FY80	1087	0	65	23965	6	165598	0	11673	178616	4009	5193	0	0
66	MAR	FY80	808	0	66	27084	0	151830	0	11161	166395	2889	5211	0	0
67	APR	FY80	356	0	67	24162	8	150476	0	12104	157030	2170	5221	0	0
68	MAY	FY80	87	59	68	23640	8	96257	0	9597	99158	2415	5231	0	0
69	JUN	FY80	41	147	69	22202	4	85141	0	7184	85536	1844	5272	0	0
70	JUL	FY80	0	388	70	36864	8	67436	0	6837	65653	1675	5272	0	0
71	AUG	FY80	0	413	71	40681	2	61576	0	4635	58819	3528	5196	0	0
72	SEP	FY80	26	194	72	45193	6	48985	0	964	42121	3514	5192	0	0
73	OCT	FY81	326	6	73	43765	8	0	41	0	59772	3442	5189	0	0
74	NOV	FY81	702	0	74	45332	8	115144	83	12	126886	3308	5189	0	0
75	DEC	FY81	1092	0	75	32932	4	13804	174	1686	134318	3845	5212	0	0
76	JAN	FY81	1290	0	76	22225	6	155639	159	11904	176974	4089	5163	0	0
77	FEB	FY81	823	0	77	24615	2	158187	327	12195	180609	3965	5138	0	0
78	MAR	FY81	818	0	78	21216	4	96153	269	10796	102198	4418	5135	0	0
OBS	NUM2	WT2	NUM3	WT3	MBTU	HTCMBTU	ELEC	MBTU/YR	UNITS	TOTWI	MBTUADJ	HTGADJ	ELECADJ		
53	0	0	0	0	243652	201653	49300	0	234418	0	0	243652	49300		
54	0	0	0	0	194159	155051	42676	4	182762	0	0	194159	42676		
55	0	0	0	0	187116	149045	45622	8	178111	0	0	187116	45622		
56	0	0	0	0	129633	91126	44335	2	144923	0	0	129633	44335		
57	0	0	0	0	107970	67667	45553	2	113884	0	0	107970	45553		
58	0	0	0	0	104468	63277	44926	8	102368	0	0	104468	44926		
59	0	0	0	0	113125	67066	47699	2	108352	0	0	113125	47699		
60	0	0	0	0	97613	53260	48209	6	97139	0	0	97613	48209		
61	0	0	0	0	115475	78895	41957	2	115425	0	0	115475	41957		
62	0	0	0	0	163517	121063	46284	0	151687	0	0	163517	46284		
63	0	0	0	0	182493	146025	43859	6	189424	0	0	182493	43859		
64	0	0	0	0	186704	149588	44486	0	180363	0	0	186704	44486		
65	0	0	0	0	206591	166025	45692	4	243652	0	0	206591	45692		
66	0	0	0	0	192368	154322	44022	0	194159	0	0	192368	44022		
67	0	0	0	0	183562	144398	48348	8	187116	0	0	183562	48348		
68	0	0	0	0	125233	89271	43152	0	129633	0	0	125233	43152		
69	0	0	0	0	109582	78318	36969	2	107970	0	0	109582	36969		
70	0	0	0	0	104193	58997	51109	6	104468	0	0	104193	51109		
71	0	0	0	0	103028	54191	50239	6	113125	0	0	103028	50239		
72	0	0	0	0	90848	41292	46898	8	97613	0	0	90848	46898		
73	0	0	0	0	107021	59813	43766	8	115475	0	0	107021	43766		
74	0	0	0	0	175610	126946	45669	2	167517	0	0	175610	45669		
75	0	0	0	0	171269	132658	34312	8	182493	0	0	171269	34312		
76	0	0	0	0	203448	163597	44834	0	186704	0	0	203448	44834		
77	0	0	0	0	209516	167013	47803	6	206591	0	0	209516	47803		
78	0	0	0	0	128122	90997	41620	8	192368	0	0	128122	41620		

11 40 WEDNESDAY, FEBRUARY 22, 1984

PROCESS ENERGY ANALYSIS PISCATUNNY ARSENAL

OBS	MONTH	FYEAR	MOD	CNH	TIME	PURELC	GENELC	TOTSTM	PPG	ELSTM	FSK	MODAS	IRKERC	PMIMI	WT1				
79	APP	FY81	392	0	79	22828	8	21390	4	115077	192	11016	130312	3814	5131	0	0		
80	MAY	FY81	163	50	80	27016	4	15091	6	85258	27	7687	90792	4728	5147	0	0		
81	JUN	FY81	6	210	81	42096	4	8816	0	45066	32	3937	48174	4625	5254	0	0		
82	JUL	FY81	0	307	82	52072	4	34	8	37966	134	0	36958	1918	5251	0	0		
83	AUG	FY81	3	183	83	51678	0	0	0	38543	24	0	37540	2315	5227	0	0		
84	SEP	FY81	100	61	84	47084	4	2111	2	39788	30	128	33721	5376	5154	0	0		
85	OCT	FY82	465	0	85	41655	6	232	0	61080	118	6	65638	2419	5201	0	0		
86	NOV	FY82	643	0	86	26181	2	19696	8	97269	115	10235	110603	4217	5233	0	0		
87	DEC	FY82	1058	0	87	36064	4	9755	6	107066	311	4829	125069	4404	5237	0	0		
88	JAN	FY82	1389	0	88	28431	6	17620	4	144602	272	8305	167137	10149	5245	0	0		
89	FEB	FY82	975	0	89	21541	2	27283	2	137350	291	13558	174491	2223	5241	0	0		
90	MAR	FY82	851	0	90	17608	8	27561	6	122663	128	13732	152695	4773	5256	0	0		
91	APR	FY82	528	1	91	22736	0	26726	4	127067	257	13150	144166	4611	5293	0	0		
92	MAY	FY82	110	37	92	28779	6	16298	0	116503	10	7972	88441	4213	5331	0	0		
93	JUN	FY82	50	76	93	48337	2	1044	0	52275	96	23414	56192	4157	5412	0	0		
94	JUL	FY82	5	274	94	48952	0	0	0	67531	96	0	42871	1046	5395	0	0		
95	AUG	FY82	28	137	95	53812	4	0	0	47370	39	0	46091	3718	5278	0	0		
96	SEP	FY82	82	63	96	48279	2	162	4	38460	212	0	37423	4381	5135	0	0		
OBS	MONTH	FYEAR	MOD	WT3	MRTU	HTGMRTU	ELFC	MRTU1YR	UNITS	TOTWT	MRTUADJ	HTGCADJ	ELECADJ						
79	0	0	0	0	157167	138048	44219	2	183562	0	0	145420	37719	2	112800	92636	43391	3	
80	0	0	0	0	122563	82633	42108	0	125233	0	0	133850	52195	7	44366	37092	53390	5	
81	0	0	0	0	94828	43998	50912	4	109582	0	0	96479	94766	0	37748	39779	50478	9	
82	0	0	0	0	93082	37092	52107	2	104193	0	0	91024	91631	0	139651	138541	47161	3	
83	0	0	0	0	91557	37564	51678	0	103028	0	0	0	0	0	243052	218062	188538	46787	1
84	0	0	0	0	86211	37642	49195	6	90848	0	0	0	0	0	206154	162269	51079	1	
85	0	0	0	0	109831	65750	41887	6	107021	0	0	0	0	0	129916	89225	46694	3	
86	0	0	0	0	141136	99080	45878	0	175610	0	0	0	0	0	113602	14217	50997	9	
87	0	0	0	0	165788	119681	45820	0	171269	0	0	0	0	0	107276	48129	55058	7	
88	0	0	0	0	206190	157810	46052	0	203448	0	0	0	0	0	97781	43504	50058	3	
89	0	0	0	0	198546	157558	48824	4	209516	0	0	0	0	0	0	0	0	0	
90	0	0	0	0	175205	135729	45170	4	128122	0	0	0	0	0	0	0	0	0	
91	0	0	0	0	171772	129503	49462	4	157167	0	0	0	0	0	0	0	0	0	
92	0	0	0	0	121473	82399	45077	6	122563	0	0	0	0	0	0	0	0	0	
93	0	0	0	0	108882	31134	49381	2	94828	0	0	0	0	0	0	0	0	0	
94	0	0	0	0	95615	42967	48952	0	93082	0	0	0	0	0	0	0	0	0	
95	0	0	0	0	103662	46132	53812	4	91557	0	0	0	0	0	0	0	0	0	
96	0	0	0	0	90316	37655	48441	6	86211	0	0	0	0	0	0	0	0	0	

OBS	PM42	WT2	NUM3	WT3	MRTU	HTGMRTU	ELFC	MRTU1YR	UNITS	TOTWT	MRTUADJ	HTGCADJ
79	0	0	0	0	157167	118048	44219 2	183562	0	0	145420	112800
80	0	0	0	0	122563	82633	42108 0	125233	0	0	133850	92636
81	0	0	0	0	94828	43998	50912 4	109582	0	0	109479	52195 7
82	0	0	0	0	93082	37092	52107 2	104193	0	0	94368	37092
83	0	0	0	0	91557	37564	51678 0	103028	0	0	91024	37748
84	0	0	0	0	86211	33642	49195 6	90848	0	0	93631	52961 3
85	0	0	0	0	109831	65750	41887 6	107021	0	0	139651	94287
86	0	0	0	0	141136	99080	45878 0	175610	0	0	181880	138541
87	0	0	0	0	165788	119681	45820 0	171269	0	0	232000	184610
88	0	0	0	0	206190	157810	46052 0	203448	0	0	243052	243052
89	0	0	0	0	198546	157558	48824 4	209516	0	0	260667	218062
90	0	0	0	0	175205	135729	45170 4	128122	0	0	279631	188538
91	0	0	0	0	171772	129503	49462 4	157167	0	0	206154	162269
92	0	0	0	0	121473	82399	45077 6	122563	0	0	129916	89275
93	0	0	0	0	108882	31134	49381 2	94828	0	0	113602	34217
94	0	0	0	0	95615	42967	48952 0	93082	0	0	97588	43324
95	0	0	0	0	103662	46132	53812 4	91557	0	0	10276	48129
96	0	0	0	0	90316	37655	48441 6	86211	0	0	97781	43504

OBS	MONTH	FYEAR	HRD	END	TIME	ELEC	NAIGAS	CDMI	PPG	HW	CSK	MKGAS	EMPRC	NUM1	WT1	NUM2
1	OCT	FY75	111	36	1	6171	31571	0	0	0	0	2459	350	107047	2341412	0
2	NOV	FY75	401	14	2	8584	40228	0	0	0	617	3885	350	110999	2350098	0
3	DEC	FY75	634	0	3	8062	43627	0	0	0	3617	2248	350	68824	939994	0
4	JAN	FY75	630	6	4	8375	47921	0	0	0	7986	2936	350	93270	1496702	49577
5	FEB	FY75	566	0	5	8549	40720	0	0	0	6792	2265	350	73597	1417392	99284
6	MAR	FY75	499	4	6	7946	46425	0	0	0	2481	2126	350	80728	2109548	50955
7	APR	FY75	196	73	7	8306	31758	0	0	0	76	2282	350	64445	2139920	47980
8	MAY	FY75	5	245	8	8828	31054	0	0	0	227	2679	350	64026	2055424	43629
9	JUN	FY75	0	416	9	10881	23379	0	0	0	728	2315	350	39650	1701777	8891
10	JUL	FY75	0	475	10	9906	22298	0	0	0	146	2106	350	0	0	198864
11	AUG	FY75	0	455	11	9906	20999	0	0	0	1485	3071	350	56711	2060315	0
12	SEP	FY75	48	178	12	8526	20155	0	0	0	0	2441	350	86692	3112980	10720
13	OCT	FY76	130	73	13	6322	26350	0	0	0	0	3536	286	61491	2486374	0
14	NOV	FY76	414	14	14	8039	34256	0	0	0	128	2592	280	55853	2207521	0
15	DEC	FY76	681	2	15	8074	42023	0	0	0	7083	2236	280	78102	3514590	0
16	JAN	FY76	777	0	16	9118	31756	0	0	0	21285	2804	280	53828	2422260	85311
17	FEB	FY76	359	5	17	8016	38227	0	0	0	5534	2491	280	55890	2518380	71280
18	MAR	FY76	284	27	18	7285	42635	0	0	0	821	2530	280	60336	2723851	101424
19	APR	FY76	146	37	19	7517	34014	0	0	0	303	3241	280	88978	4004010	110448
20	MAY	FY76	70	65	20	6960	32205	0	0	0	0	2674	280	68812	3096540	58784
21	JUN	FY76	0	292	21	6716	24818	0	0	0	0	2282	280	69170	3122265	0
22	JUL	FY76	0	480	22	9906	22298	0	0	0	146	2667	280	77094	2871009	6368
23	AUG	FY76	0	434	23	9906	20999	0	0	0	145	2667	280	100620	3394140	16920
24	SEP	FY76	1	220	24	8526	20355	0	0	0	0	2674	280	73418	2227118	58400
25	OCT	FY77	257	42	25	6914	27175	0	0	0	1124	2674	270	4970	1735348	54784
26	NOV	FY77	567	0	26	7169	38171	0	0	0	9204	2674	270	45405	1961701	0

OBS	WT2	NUM3	WT3	NUM4	WT4	PIEUR	INDUR	INFIN	NUMBUD	MIDHUR	BLTS	TOTWT	TOTHR
1	0	0	0	0	0	0	0	40201	31571		107047	2341412	
2	0	0	0	0	0	0	0	53364	40895		110999	2350098	
3	0	0	0	0	0	0	0	50554	49244		68824	939994	
4	78647	0	0	10740	21480	0	0	67218	55907		153587	1596829	
5	139758	0	0	0	0	0	0	58326	47512		172881	1557150	
6	88032	0	0	0	0	0	0	58978	48906		131183	2197580	
7	67165	0	0	0	0	0	0	48422	37834		112425	2207085	
8	71807	0	0	0	0	0	0	42788	31281		107655	2127231	
9	44455	0	0	0	0	0	0	37303	24107		48541	1746232	
10	678608	0	0	0	0	0	0	34456	22444		198064	678608	
11	0	0	0	0	0	0	0	35461	22484		56711	2060315	
12	12757	0	0	5560	11120	0	0	31322	20355	40201	102972	3136857	
13	0	0	0	5467	10934	0	0	36208	26750	53164	66958	2500308	
14	0	0	0	7600	15200	0	0	45015	34384	53164	61453	2222721	
15	0	0	0	0	0	0	0	59416	49106	59454	78102	3514590	
16	101520	0	0	0	0	0	0	64963	53041	58326	129139	2523780	
17	85850	0	0	0	0	0	0	54268	43761	58326	127170	2604230	
18	120695	0	0	0	0	0	0	53271	47455	58978	161760	2844546	
19	131433	0	0	0	0	0	0	45175	34717	48422	199426	413543	
20	83439	0	0	0	0	0	0	41839	32205	42788	127596	3179979	
21	0	0	0	0	0	0	0	33816	24818	37101	69170	3122265	
22	15920	0	0	9880	19760	0	0	35017	22444	34456	93342	2906689	
23	28684	0	0	4500	9000	0	0	33717	21144	35461	122040	3431824	
24	87600	0	0	0	0	0	0	31548	20355	11122	131818	2314718	
25	82176	0	0	60320	30160	0	0	71887	28299	36208	163074	1847674	
26	0	0	0	90560	45280	0	0	57420	47577	45405	116266	2006981	

PROCESS ENERGY ANALYSIS PINE BLUFF ARSENAL

URS	MONTH	FYEAR	HHO	CHD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBFT/RC	NUM1	WT1	NUM2
27	DEC	FY77	710	0	27	7296	25972	0	0	0	16747	2674	270	34926	1426545	0
28	JAN	FY77	1041	0	28	8642	20825	0	0	0	36540	2764	270	73147	1689022	0
29	FEB	FY77	502	0	29	8050	12174	0	0	0	4229	2764	270	70799	1267109	1250
30	MAR	FY77	265	7	30	6508	4390	0	0	0	26888	2764	270	41781	300553	37377
31	APR	FY77	70	67	31	7424	16698	0	0	0	31735	2862	270	24350	577213	54298
32	MAY	FY77	10	287	32	6972	18074	0	0	0	1346	2447	270	11664	530712	77546
33	JUN	FY77	0	455	33	8909	15214	0	0	0	1485	2100	270	23572	1008152	55825
34	JUL	FY77	0	537	34	10834	16663	0	0	0	175	2512	270	634771	80415	80415
35	AUG	FY77	0	492	35	10892	14345	0	0	0	0	2512	270	20848	874782	55955
36	SEP	FY77	0	377	36	9999	9701	0	0	0	245	2512	270	24618	1032971	67885
37	OCT	FY78	105	40	37	7053	19019	0	0	0	52	2470	317	10055	421908	43552
38	NOV	FY78	370	14	38	7262	23813	0	0	0	0	2470	317	28562	788206	43552
39	DEC	FY78	709	0	39	7169	31485	0	0	0	4456	2470	317	10989	406250	46143
40	JAN	FY78	1025	0	40	9187	29651	0	0	0	19951	3092	317	69433	368073	62536
41	FEB	FY78	862	0	41	9234	18999	0	0	0	27430	3092	317	4143	173840	102136
42	MAR	FY78	436	9	42	7494	21826	0	0	0	32410	3092	317	7612	326707	62136
43	APR	FY78	68	104	43	8456	18389	0	0	0	0	2634	321	27824	1031231	66688
44	MAY	FY78	48	253	44	8596	19967	0	0	0	169	2634	321	0	0	76772
45	JUN	FY78	0	424	45	10452	12654	0	0	0	58	2634	322	21928	109640	94132
46	JUL	FY78	0	599	46	10510	12974	0	0	0	297	2476	311	0	0	61840
47	AUG	FY78	0	565	47	12331	11575	0	0	0	0	2476	313	0	0	134384
48	SEP	FY78	0	357	48	10765	8786	0	0	0	0	2476	313	17460	749383	48517
49	OCT	FY79	118	31	49	8108	18809	0	0	0	12	5288	315	5468	234687	133769
50	NOV	FY79	321	16	50	9094	24262	0	0	0	87	5288	315	0	0	114573
51	DEC	FY79	667	0	51	9176	29252	0	0	0	8743	5288	316	21082	904839	79335
52	JAN	FY79	1083	0	52	9106	24415	0	0	0	27523	24914	292	37516	1610186	148302

DBS	W12	NIM3	WT3	NIM4	WT4	DIRIR	INDIR	MBTU	HTGMRTU	MBTU/HR	UNITS	TOTWT	TOTTRS
27	0	0	0	88300	44150			52689	42719	59416	123226	1470695	
28	0	0	0	82040	41020			68771	57365	64963	155387	1730042	
29	2275	0	0	52250	26125			27217	16403	54268	124299	1295509	
30	68026	0	0	102974	205948			40550	31278	53271	182132	574527	
31	98822	0	0	45935	60048			58719	48433	45175	124583	735083	
32	116787	0	0	25320	50640			28539	19420	41839	114530	718179	
33	100823	0	0	19360	38720			27708	16599	33816	98757	1147695	
34	136899	0	0	12120	24240			30184	16838	35017	107661	795910	
35	101818	0	0	50080	40220			27749	14345	33717	125881	1016840	
36	121552	0	0	0	0			22457	9846	31548	97504	1156523	
37	59740	0	0	88720	69980			21594	19071	31887	131599	551628	
38	79265	0	0	66838	58376			33565	23833	57420	130952	925947	
39	81980	0	0	20760	32760			45580	35941	52689	77892	522990	
40	111507	0	0	19840	39680			61881	49602	68771	98045	521260	
41	113816	0	0	15079	30158			58755	46429	27217	81758	317814	
42	178756	0	0	1960	3920			58422	54236	40550	111908	509183	
43	109296	0	0	4320	8640			29479	18389	58719	98812	1149167	
44	132467	0	0	25240	50480			31366	20136	28839	102012	182847	
45	146942	0	0	16500	33200			25798	12712	27708	132660	289782	
46	90161	0	0	24600	49200	70454	68688	26257	13271	30184	86440	139361	139142
47	201576	0	0	17680	35360	70454	68688	26332	11525	27749	152064	236936	139142
48	233773	0	0	7480	14960	70454	68688	22027	8786	22457	73457	788116	139142
49	105478	0	0	4040	8080	61249	66067	32217	18821	28594	143277	748245	129116
50	61240	0	0	0	0	63249	66067	38731	23449	33565	114573	61240	129116
51	38874	0	0	7440	6888	63249	66067	52459	37995	45580	107857	950501	129116
52	119490	0	0	0	0	69112	70759	86018	51998	61881	185878	1729076	140091

OPS	MONTH	FYEAR	MOD	CHD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	MBTU/HR	UNITS	TOTWT	TOTHR
53	FEB	FY79	732	0	53	10556	22103	0	0	0	32317	24914	242	0	0	108714
54	MAR	FY79	314	24	54	7981	32588	0	0	0	6938	24914	241	0	0	154607
55	APR	FY79	110	48	55	8816	25294	0	0	0	1491	3053	247	0	0	152891
56	MAY	FY79	13	178	56	9060	16256	0	0	0	315	3053	247	0	0	158772
57	JUN	FY79	0	396	57	10104	10936	0	0	0	0	3053	247	0	0	171576
58	JUL	FY79	0	502	58	11902	12494	0	0	0	122	2853	304	1008	95558	235956
59	AUG	FY79	0	442	59	11507	10458	0	0	0	245	2853	304	4197	307876	106128
60	SEP	FY79	0	240	60	9756	8983	0	0	0	0	2853	305	9046	658882	142736
61	OCT	FY80	80	95	61	8387	13513	0	0	0	0	2789	312	14946	951168	151009
62	NOV	FY80	436	1	62	8503	22175	0	0	0	140	2789	313	0	0	197812
63	DEC	FY80	588	0	63	9442	35025	0	0	0	35	2751	308	5492	520642	64557
64	JAN	FY80	645	0	64	8897	39342	0	0	0	5767	2751	308	12012	1138737	39840
65	FEB	FY80	593	1	65	10510	39945	0	0	0	0	2751	309	9332	884674	96459
66	MAR	FY80	450	1	66	9466	21706	0	0	0	617	2501	318	7363	698012	81096
67	APR	FY80	142	42	67	9303	13398	0	0	0	99	2501	319	9109	863533	34300
68	MAY	FY80	15	196	68	11739	11217	0	0	0	256	2501	319	8000	758400	79571
69	JUN	FY80	0	439	69	12772	12311	0	0	0	151	2654	308	6512	617338	153749
70	JUL	FY80	0	725	70	13932	13179	0	0	0	0	2654	308	7282	662047	67519
71	AUG	FY80	0	689	71	13549	16896	0	0	0	443	2654	308	0	0	111210
72	SEP	FY80	16	432	72	9315	20138	0	0	0	0	3135	304	3862	242553	194890
73	OCT	FY81	184	50	73	9315	20138	0	0	0	0	2527	304	0	0	47607
74	NOV	FY81	437	5	74	10289	28330	0	0	0	0	2672	305	1168	4846	42528
75	DEC	FY81	673	0	75	9674	41833	0	0	0	0	3150	304	28224	124426	62168
76	JAN	FY81	774	0	76	12377	52856	0	0	0	0	3150	304	28224	124426	62168
77	FEB	FY81	565	0	77	11055	42590	0	0	0	1136	3031	304	72768	298349	103876
78	MAR	FY81	388	9	78	10568	41889	0	0	0	0	3191	305	5052	25260	109064
MODS	WT2	NUM3	WT3	NUM4	WT4	DJHR	MBTU	HTCMBTU	MBTU/HR	UNITS	TOTWT	TOTHR				
53	112975	0	0	0	0	69332	70759	54620	58755	108714	112975	140091				
54	185668	0	0	0	0	69332	70759	39526	64822	154607	185668	140091				
55	123214	0	0	0	0	64809	72248	26785	29479	152891	123214	137057				
56	121150	0	0	0	0	64809	72248	16571	31366	158772	123150	137057				
57	91003	0	0	0	0	64809	72248	10936	25748	173576	93003	137057				
58	192395	0	0	0	0	67311	68157	12616	26257	236964	287953	135468				
59	52003	0	0	0	0	67311	68157	10703	26142	110325	449879	135468				
60	184529	0	0	0	0	67311	68157	8983	22027	151782	843411	135468				
61	112372	0	0	0	0	71723	57199	13513	32217	163237	1063540	128922				
62	54448	0	0	0	0	71723	57199	22375	38731	86776	1272661	128922				
63	141891	0	0	0	0	71723	57199	35165	52344	197872	141891	128922				
64	47574	0	0	0	0	75246	65324	39377	86018	70049	568216	140570				
65	56848	0	0	0	0	75246	65324	45712	90090	51852	1195585	140570				
66	100724	0	0	0	0	75246	65324	30970	72421	105791	985198	140570				
67	56276	0	0	0	0	71712	65232	22123	18651	88454	754288	142404				
68	45525	0	0	0	0	71712	65232	13497	28684	47409	909058	142404				
69	88750	0	0	0	0	71712	65232	11493	24091	87571	847150	142404				
70	142741	0	0	0	0	78715	65580	12462	27171	160261	760073	144295				
71	45438	0	0	0	0	78715	65580	13379	29965	74801	707485	144295				
72	55734	0	0	0	0	78715	65580	17339	21542	111249	55714	144295				
73	162382	0	0	0	0	65872	61223	20138	24689	198752	404915	127095				
74	52110	0	0	0	0	65872	61223	41146	33657	47607	52110	127095				
75	51256	6852	13704	0	0	65872	61223	41833	47196	50548	69806	127095				
76	88529	8888	17776	0	0	74355	61834	52856	51025	99280	210711	136189				
77	116521	42975	491791	0	0	74355	61834	43726	58971	906561	136189	136189				
78	86404	14390	14390	0	0	74355	61834	41889	43161	125064	125064	136189				

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PROCESS ENERGY ANALYSIS PINE BLUFF ARSENAL

OBS	MONTH	FYEAR	HDD	CND	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MORGAS	LBFRFC	NUM1	WT1	NUM2
79	APR	FY81	37	117	79	10521	25907	0	0	0	0	2900	319	1528	144854	98240
80	MAY	FY81	45	131	80	10080	14115	0	0	0	0	2456	319	11001	1042895	800
81	JUN	FY81	0	458	81	12621	14084	0	0	0	0	2722	320	0	0	0
82	JUL	FY81	0	580	82	13201	14195	0	0	0	0	2980	309	4511	427643	1000
83	AUG	FY81	0	470	83	13885	14978	0	0	0	0	2659	309			
84	SEP	FY81	4	318	84	11496	9955	0	0	0	0	2805	310	0	0	108688
85	OCT	FY82	186	78	85	9651	13501	0	0	0	0	2987	313	5040	25200	99032
86	NOV	FY82	278	2	86	9164	23838	0	0	0	0	2561	313	10456	52280	68409
87	DEC	FY82	668	0	87	8619	40210	0	0	0	0	2754	314	10004	50020	77880
88	JAN	FY82	847	0	88	10324	47445	0	0	0	0	2650	312	5800	29000	106696
89	FEB	FY82	656	0	89	11356	46727	0	0	0	0	2671	312	1345	3117	89978
90	MAR	FY82	298	57	90	9790	36275	0	0	0	0	2789	313	2674	6150	93544
91	APR	FY82	223	21	91	10916	25402	0	0	0	0	2716	328	0	0	129213
92	MAY	FY82	6	253	92	9790	13786	0	0	0	0	2649	329	0	0	111432
93	JUN	FY82	0	355	93	11206	11608	0	0	0	0	2935	329	0	0	254136
94	JUL	FY82	0	570	94	12574	9735	0	0	0	0	2304	291	6992	662842	55872
95	AUG	FY82	0	540	95	12134	9971	0	0	0	0	2693	291	18412	1727856	1000
96	SEP	FY82	12	294	96	11356	9306	0	0	0	0	2575	291	13996	1326820	62594
OBS	WT2	NUM3	WT3	WT4	DIRHR	INDIR	MBTU	HTGMBTU	MBTUHR	UNITS	TOTWT	TOTHR				
79	78078	0	0	0	77879	67376	39328	25907	34290	99768	222932	145255				
80	1600	995000	995000	0	77879	67376	26651	14115	25301	1006801	2039495	145255				
81	0	339000	339000	5190	77879	67376	29427	14084	25733	341595	344190	145255				
82	2000	0	0	0	80920	68814	30376	14195	27888	5511	429643	149734				
83	163432	2224	2224	0	80920	68814	31522	14978	29065	110912	105656	149734				
84	149048	0	0	0	69631	60958	26139	13501	32588	104072	174248	130589				
85	89768	7	7	0	69631	60958	35563	23838	41146	78872	142055	130589				
86	93487	10	10	0	69631	60958	51583	40210	54179	87894	143517	130589				
87	129921	0	0	0	75035	63834	60419	47445	68383	112496	158921	138869				
88	126055	2	2	0	75035	63834	60754	46727	57812	91285	129174	138869				
89	131099	2	2	0	75035	63834	48854	36275	55648	96220	137251	138869				
90	201645	0	0	0	78391	68604	39034	25402	39328	129213	201645	146995				
91	186233	601	601	0	78391	68604	26225	13786	26651	112033	186834	146995				
92	364363	0	0	0	78391	68604	25749	11608	29427	254136	364363	146995				
93	143808	0	0	0	75095	69809	24613	9735	30376	102864	806650	144904				
94	2000	0	0	0	75095	69809	24798	9971	31522	19412	1729856	144904				
95	94048	0	0	0	75095	69809	23237	9306	24256	76590	1420868	144904				

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PROCESS ENERGY ANALYSIS - RADFORD AAP

OBS	MONTH	FYEAR	MBTU	PURELE	NATGAS	COAL	FSX	LPG	MOGAS	TOTELE	TIME	HDD	LBRFRC
1	OCT	FY75	534276	2764	38538	431987	4197	1624	1070	12685	1	308	3769
2	NOV	FY75	539396	1982	6107	475219	4405	2155	1295	11558	2	539	3756
3	DEC	FY75	584083	1434	0	505115	8852	4954	1108	10239	3	801	3742
4	JAN	FY75	603919	1392	0	537904	6491	5164	1313	9957	4	783	3545
5	FEB	FY75	501324	1382	0	426418	7865	7717	1018	9024	5	583	3468
6	MAR	FY75	542116	1107	5644	477399	6110	5033	1068	9355	6	699	3453
7	APR	FY75	429704	1848	3753	383917	2386	1333	1022	9100	7	361	3416
8	MAY	FY75	365792	2394	20270	292556	2903	2201	1159	8271	8	60	3375
9	JUN	FY75	350924	3738	37066	236742	4836	0	1064	9164	9	12	3092
10	JUL	FY75	284822	3171	100	227488	2484	1624	830	7579	10	0	3010
11	AUG	FY75	278995	3087	34	221671	2310	2686	1017	6481	11	0	2807
12	SEP	FY75	270984	3381	1753	204001	3530	1253	799	6727	12	59	2750
13	OCT	FY76	349010	2373	0	274605	6918	1152	1034	6737	13	173	2707
14	NOV	FY76	345868	1659	5132	310028	1125	842	775	6396	14	415	2675
15	DEC	FY76	400642	1344	0	367479	2089	1078	824	6347	15	809	2656
16	JAN	FY76	454814	966	0	418136	3204	1255	1058	6311	16	973	2607
17	FEB	FY76	395838	1239	0	357951	3157	831	818	6553	17	523	2519
18	MAR	FY76	345738	1344	0	315399	1714	874	741	6395	18	434	2475
19	APR	FY76	291946	1544	0	230168	6606	852	864	5357	19	271	2350
20	MAY	FY76	244954	1806	0	212892	1202	704	649	4730	20	126	2277
21	JUN	FY76	233319	1743	3668	191908	2341	638	619	4711	21	22	2258
22	JUL	FY76	233620	1911	802	175258	5253	504	817	5242	22	0	2294
23	AUG	FY76	271193	2037	2207	197261	7557	648	653	6397	23	3	2293
24	SEP	FY76	244011	1827	11088	202504	981	146	641	5475	24	47	2345
25	OCT	FY77	262023	1785	3663	228238	898	326	735	5215	25	452	2338
26	NOV	FY77	324014	1617	0	286058	2457	1144	713	5697	26	735	2329

HITGAOU

MBTUADU

HITGBTU

STINCOL

ESBP

TOTLBS

MISC

RMOTOR

BASE2

BASE1

BASE3

BASE4

BASE5

OBS	MONTH	FYEAR	MBTU	PURELE	NATGAS	COAL	FSX	LPG	MOGAS	TOTELE	TIME	HDD	LBRFCR
27	DEC	FY77	411873	1722	0	328076	9975	756	945	6583	27	945	2357
28	JAN	FY77	416135	1365	0	385947	1444	913	958	6319	28	1275	2395
29	FEB	FY77	378977	1470	0	339905	2875	690	873	6262	29	786	2414
30	MAR	FY77	426408	1407	0	395077	1724	820	790	5889	30	385	2460
31	APR	FY77	279164	1407	0	248641	1488	883	886	4854	31	203	2455
32	MAY	FY77	248873	1743	0	216483	1299	588	765	5344	32	56	2501
33	JUN	FY77	265670	2205	3621	228108	663	737	717	5331	33	23	2514
34	JUL	FY77	212215	2814	57	161808	2076	1039	872	6027	34	0	2548
35	AUG	FY77	256115	2583	4756	211880	837	855	721	6344	35	0	2564
36	SEP	FY77	290080	2646	52336	197667	789	152	883	6423	36	18	2564
37	OCT	FY78	316202	2016	15941	263045	1498	821	816	6734	37	350	2562
38	NOV	FY78	347111	1680	0	316881	2352	872	718	6925	38	496	2556
39	DEC	FY78	458194	1596	0	405569	4751	798	1074	7473	39	896	2571
40	JAN	FY78	455199	1176	0	408065	4678	946	1009	8201	40	1147	2587
41	FEB	FY78	448611	1008	0	402806	4803	885	1000	7028	41	989	2610
42	MAR	FY78	406033	1029	0	358512	4960	855	1112	7368	42	637	2602
43	APR	FY78	340928	1554	681	292152	4385	823	835	7075	43	261	2597
44	MAY	FY78	342925	1953	942	259055	9552	589	820	7544	44	112	2599
45	JUN	FY78	280884	2226	0	233076	2697	300	959	7431	45	4	2610
46	JUL	FY78	278829	2226	0	236721	1814	1950	718	7351	46	0	2601
47	AUG	FY78	298685	2394	0	251774	2382	1317	752	7929	47	0	2629
48	SEP	FY78	274145	2352	0	235322	1009	890	909	6899	48	29	2640
49	OCT	FY79	364107	2058	0	286609	8218	1445	821	8532	49	335	2653
50	NOV	FY79	339082	1491	0	315278	364	435	753	6391	50	461	2650
51	DEC	FY79	404738	1533	0	377376	527	1049	1040	6799	51	784	2646
52	JAN	FY79	385946	1491	0	355960	1019	1778	948	8318	52	1037	2688

OBS	BASE1	BASE2	BASE3	RMOTOR	MISC	TOTLBS	ESBP	STMCOL	HTGMBTU	MBTUADJ	HTGADJ
27	1078.5	32.8	1328.5	212.0	36.2	2688.0	2058.68	247529	306390	400296	295289
28	482.6	818.8	415.1	187.9	12.1	1916.5	1347.78	303859	313184	400682	298207
29	1014.9	44.3	1005.1	216.6	24.2	2305.1	1798.70	260502	277938	369268	268706
30	961.6	69.5	1030.3	223.6	12.1	2297.1	1787.26	320810	331673	421409	327150
31	977.0	88.8	997.3	204.0	36.2	2303.3	1787.26	191524	201075	276303	198690
32	940.2	39.1	1366.4	209.1	21.4	2576.2	1930.36	156814	164969	247739	164311
33	909.1	41.8	1706.3	218.3	2.8	2878.3	2091.74	176310	184530	264923	184280
34	684.7	52.2	845.0	219.1	27.2	1828.2	1381.68	108567	121755	211738	121755
35	721.5	35.7	1615.0	217.6	24.2	2614.0	1866.68	149560	160047	255638	160047
36	878.4	340.8	866.6	239.9	12.1	2337.8	1758.88	135082	192166	286884	191542
37	1103.8	918.1	1448.5	217.8	24.2	3712.4	2678.64	184868	210356	301489	198214
38	932.3	982.4	576.5	218.1	12.1	2721.4	2010.60	229971	244544	333291	225820
39	917.1	677.2	801.1	209.7	12.1	2617.2	1942.00	308187	336660	421674	302836
40	977.3	92.1	806.4	200.3	43.3	2119.4	1679.88	291661	319856	408437	276557
41	820.3	43.8	797.6	184.1	14.3	1860.1	1449.90	303055	331917	406507	294582
42	1125.3	93.1	1148.7	209.6	12.1	2588.8	2008.24	253475	283222	375910	259175
43	1534.8	82.3	1033.0	163.9	35.9	2849.9	2338.22	200669	227035	324999	217182
44	984.6	358.5	1280.1	189.7	20.6	2833.5	2102.18	166412	223323	332621	219095
45	1032.4	382.4	924.3	205.8	36.8	2581.7	1976.70	146829	163781	274657	163630
46	785.9	547.8	150.3	226.5	24.5	1735.0	1365.16	151800	164316	304586	196150
47	1824.9	244.6	920.4	214.8	24.2	3228.9	2676.98	160059	175251	324442	207085
48	916.5	83.4	917.9	324.8	46.9	2289.5	1759.06	159978	166746	298807	197484
49	1173.1	193.6	929.4	190.4	46.4	2532.9	2007.54	179335	228650	377218	247837
50	916.1	356.7	280.5	242.3	17.7	1813.3	1461.50	234085	236640	347436	251071
51	1151.0	690.9	690.9	221.3	0.0	2112.0	1727.96	290118	294237	400899	296475
52	959.4	39.6	1048.6	352.1	52.8	2452.5	1876.38	242837	250550	372556	243237

PROCESS ENERGY ANALYSIS - RADFORD AAP

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OBS	MONTH	FYEAR	MBTU	PURELE	NATGAS	COAL	FSX	LPG	MOGAS	TOTELE	TIME	HDD	LBRFRC
53	FEB	FY79	407874	1491	0	378912	927	938	1015	7208	53	992	2723
54	MAR	FY79	382568	1722	0	348461	1258	1328	1043	7431	54	512	2741
55	APR	FY79	346999	1722	0	273976	8125	1283	845	7381	55	279	2724
56	MAY	FY79	279634	1911	0	248578	686	1212	701	6711	56	88	2644
57	JUN	FY79	248859	1869	0	214759	1152	916	913	6429	57	15	2611
58	JUL	FY79	280371	2121	0	245547	971	1063	667	7055	58	3	2593
59	AUG	FY79	250577	2184	0	214950	814	1236	822	6742	59	9	2600
60	SEP	FY79	238246	2079	3522	201593	824	839	643	5687	60	49	2611
61	OCT	FY80	276980	2331	370	227079	2972	1478	705	6949	61	329	2614
62	NOV	FY80	340042	1323	0	281923	6417	957	845	6152	62	458	2619
63	DEC	FY80	354175	1029	0	334235	608	850	688	6333	63	738	2631
64	JAN	FY80	369397	1302	0	342571	1111	1230	766	6688	64	848	2635
65	FEB	FY80	426568	1365	0	397663	1129	1176	1013	6755	65	893	2660
66	MAR	FY80	341954	1239	0	315024	1317	1169	708	7230	66	656	2695
67	APR	FY80	294582	1848	0	260745	1365	1247	629	6684	67	266	2779
68	MAY	FY80	314988	2520	32609	241288	1253	261	819	7124	68	78	2812
69	JUN	FY80	303099	3234	0	253171	1329	1181	665	7366	69	14	2812
70	JUL	FY80	251479	3318	0	204173	732	1424	596	7219	70	0	2822
71	AUG	FY80	249254	3066	0	201785	1087	1508	774	7152	71	0	2863
72	SEP	FY80	255192	3129	0	209674	847	1059	615	7503	72	30	2895
73	OCT	FY81	377710	3171	35855	291312	1435	529	928	8399	73	301	2930
74	NOV	FY81	348292	2583	27167	281004	1009	354	748	8623	74	582	2952
75	DEC	FY81	471144	2646	0	425520	1417	1794	930	8782	75	807	3021
76	JAN	FY81	422921	2121	0	381324	1832	1466	925	9142	76	1016	3038
77	FEB	FY81	474535	2667	0	426985	1790	1755	844	9751	77	744	3049
78	MAR	FY81	494138	2499	22769	426172	1718	1371	920	10650	78	672	3048

OBS	BASE1	BASE2	BASE3	RMOTOR	MISC	TOTLBS	ESBP	STMCOL	HTGMBTU	MBTUADJ	HTGADJ
53	1012.7	66.5	378.1	200.7	40.4	1698.4	1440.28	284181	290519	396183	284904
54	940.7	630.4	310.4	243.9	76.5	2201.9	1728.02	253863	262519	388997	275024
55	1380.8	51.4	278.0	268.9	0.0	1979.1	1739.78	180206	228817	361514	250119
56	1077.6	381.3	791.5	328.5	88.8	2667.7	2067.18	169042	174250	301359	202781
57	1389.4	39.7	439.8	290.8	34.2	2193.9	1885.78	139200	146826	273340	178093
58	1429.2	89.9	304.1	259.8	32.0	2115.0	1853.48	163791	170510	305317	202242
59	1373.7	95.3	307.7	235.6	44.2	2056.5	1801.06	139424	145401	275321	176932
60	707.5	111.1	319.0	192.8	11.0	1341.4	1092.24	141808	150969	261645	181154
61	1403.4	350.3	0.0	291.6	61.2	2106.5	1849.74	150559	169719	290959	190483
62	2.0	64.5	156.7	240.3	31.3	494.8	310.20	201906	240242	349681	256667
63	464.0	353.2	291.4	213.9	20.3	1342.8	999.40	246348	250739	354394	257744
64	487.4	674.1	0.0	308.7	20.3	1470.5	1077.38	253325	261027	365915	264330
65	477.8	551.3	44.0	300.4	8.1	1381.6	1023.32	308351	316103	421321	317893
66	435.4	698.9	0.0	320.3	42.4	1495.0	1088.12	215753	224594	344681	234357
67	1326.0	653.4	267.7	274.1	57.7	2578.9	2100.82	180612	189811	310530	212695
68	1440.2	186.6	912.5	312.9	35.6	2887.8	2323.00	165000	205168	337161	234378
69	1152.8	789.6	305.9	323.8	33.1	2605.2	2037.48	184704	193626	327425	224989
70	1220.1	680.1	303.8	308.5	38.6	2551.1	2034.14	139533	145221	278092	178871
71	1200.1	338.0	296.3	327.4	25.6	2187.4	1802.72	134080	141920	275608	175310
72	866.4	956.6	635.7	280.0	41.3	2780.0	2031.08	137197	143190	273948	168982
73	1520.4	1101.6	441.8	322.0	51.1	3436.9	2690.74	204684	249427	389071	267824
74	1280.5	1072.5	313.6	249.3	38.3	2954.2	2300.04	180921	214320	351157	224221
75	1523.6	914.2	300.5	253.9	22.1	3014.3	2426.86	333846	333895	453995	323782
76	1648.4	299.0	888.8	276.7	22.1	3135.0	2549.20	264986	277123	382001	247756
77	1924.0	53.1	911.5	284.7	39.9	3233.2	2725.48	309603	321785	441135	299938
78	1861.3	212.6	1106.2	284.3	38.1	3504.5	2863.26	291110	325257	461802	304475

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PROCESS ENERGY ANALYSIS - RADFORD AAP

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OBS	MONTH	FYEAR	MBTU	PURELE	NATGAS	COAL	FSX	LPG	MOGAS	TOTELE	TIME	HDD	LBRFRC
79	APR	FY81	384666	3045	17538	317888	1530	927	777	9416	79	212	3013
80	MAY	FY81	362656	4809	0	291701	1616	1762	761	11123	60	158	3020
81	JUN	FY81	320862	1743	2118	283722	1773	244	808	6695	81	3	3029
82	JUL	FY81	318557	3507	14908	247987	1808	291	792	8830	82	0	3064
83	AUG	FY81	337154	3822	28059	252540	1306	3	878	9513	83	0	3109
84	SEP	FY81	262598	3255	2360	208596	1611	6	856	8177	84	58	3176
85	OCT	FY82	361161	3696	2802	299172	1968	298	867	9362	85	357	3182
86	NOV	FY82	449508	2982	35068	365012	1775	14	854	9182	86	589	3163
87	DEC	FY82	450642	2058	1976	408327	1967	0	954	9740	87	991	3181
88	JAN	FY82	531390	2667	1385	469103	3945	1289	1085	10158	88	1121	3174
89	FEB	FY82	470214	3465	2022	410688	2149	72	899	9796	89	746	3167
90	MAR	FY82	484906	4305	26352	385554	2974	158	1063	11289	90	618	3154
91	APR	FY82	407920	4242	6346	336848	1821	323	874	9457	91	421	3138
92	MAY	FY82	286382	3444	1893	231528	1514	107	778	8484	92	51	3108
93	JUN	FY82	310695	4620	1583	242290	1543	0	808	9282	93	3	3103
94	JUL	FY82	329918	4914	35334	228387	889	0	765	9303	94	0	3104
95	AUG	FY82	322896	5859	3918	228826	1261	12	920	10154	95	6	3184
96	SEP	FY82	296468	4872	1738	226667	1153	758	776	8800	96	61	3220

OBS	BASE1	BASE2	BASE3	RMOTOR	MISC	TOTLBS	ESBP	STMCOL	HTGMBTU	MBTUADJ	HTGADJ
79	2003.9	74.7	1015.2	304.9	33.1	3431.8	2873.88	212321	239698	365950	232535
80	2239.8	86.7	1017.9	324.8	42.2	3711.4	3139.64	187078	198253	361109	208260
81	2095.6	69.1	1231.2	99.3	33.1	3528.3	2968.46	201667	214357	323682	228730
82	1176.1	48.3	1087.5	115.7	1.7	2429.3	1928.70	159785	185515	321804	200016
83	1186.1	923.4	524.6	121.8	39.9	2795.8	2167.88	158240	193910	340785	208795
84	986.0	643.3	915.6	120.9	11.0	2676.8	2004.88	127038	138789	264423	151866
85	1494.7	950.4	660.4	185.9	11.0	3302.4	2583.72	205286	219850	354968	224910
86	1169.8	512.2	1085.9	198.5	42.4	3008.8	2290.16	262278	307699	436276	305721
87	1735.5	45.1	1455.0	195.6	54.2	3485.4	2807.12	281036	294470	426248	281329
88	1294.0	56.8	1686.9	191.8	22.1	3251.6	2477.40	344977	370631	502979	353473
89	1589.2	334.5	862.0	190.9	22.1	2998.7	2443.74	305783	320395	452417	313851
90	1668.6	1243.2	0.0	183.4	14.9	3110.1	2539.46	269829	313663	470939	310949
91	1540.7	43.0	1308.1	213.7	7.2	3112.7	2488.78	250435	267712	399671	270716
92	1389.8	619.2	509.9	275.5	11.0	2805.4	2243.56	148015	158834	288545	172250
93	1247.0	672.9	485.7	303.4	0.0	2709.0	2124.20	165041	175612	314149	190319
94	1663.3	35.0	514.6	161.1	0.0	2374.0	2088.72	155661	196174	333107	210616
95	1445.5	85.2	883.1	245.6	0.0	2659.4	2173.84	167658	178933	326211	193501
96	1692.8	54.7	1214.0	322.7	0.0	3284.2	2647.64	161580	170792	298844	184421

OBS	MONTH	YEAR	POD	CNO	TIME	ETC	NATGAS	COAL	POW	ISY	MEGAS	LBRE/PC	MBTU	HCARBUR	MBTU/HR	MBTU/ADJ	HIGADJ
1	OCT	FY75	480	0	1	3677	0	0	0	5953	1397	281	11027	5953	11027	5953	5953
2	NOV	FY75	652	1	2	3677	0	0	0	8073	1642	284	13392	8073	13392	13392	8073
3	DEC	FY75	1064	0	3	4373	0	0	0	11444	1309	271	17126	11444	17126	11444	11444
4	JAN	FY75	1069	0	4	5313	0	0	0	14006	1933	262	21112	14006	21112	14006	14006
5	FEB	FY75	995	0	5	4547	0	0	0	11044	1460	264	17051	11044	17051	11044	11044
6	MAR	FY75	972	0	6	4478	0	0	0	9250	1191	261	15119	9250	15119	9250	9250
7	APR	FY75	717	0	7	4141	0	0	0	8917	1423	260	14481	8917	14481	8917	8917
8	MAY	FY75	149	65	8	3387	0	0	0	6102	1519	261	11008	6102	11008	6102	6102
9	JUN	FY75	48	163	9	3619	0	0	0	2247	1116	260	6982	2247	6982	2247	2247
10	JUL	FY75	8	204	10	3155	0	0	0	516	1008	256	4679	516	4679	516	516
11	AUG	FY75	8	207	11	2784	0	0	0	387	1425	257	4506	387	4506	387	387
12	SEP	FY75	189	8	12	3619	0	0	0	2104	1156	257	6989	2104	6989	2104	2104
13	OCT	FY76	389	9	13	3109	0	0	0	5917	1448	239	10474	5917	11027	10474	5917
14	NOV	FY76	559	0	14	3352	0	0	0	5398	1073	237	9823	5398	13392	9823	5398
15	DEC	FY76	1063	0	15	4048	0	0	0	10770	1305	236	16123	10770	17126	16123	10770
16	JAN	FY76	1391	0	16	4663	0	0	0	11900	1575	222	18138	11900	21112	18138	11900
17	FEB	FY76	873	0	17	5023	0	0	0	9066	1238	224	15327	9066	15327	9066	9066
18	MAR	FY76	672	0	18	4605	0	0	0	8003	1210	221	13818	8003	15119	13818	8003
19	APR	FY76	468	30	19	3445	0	0	0	8156	1261	230	12802	8156	14481	12802	8156
20	MAY	FY76	313	21	20	2888	0	0	0	4923	1072	249	8883	4923	11008	8883	4923
21	JUN	FY76	22	145	21	2923	0	0	0	1755	1019	254	5697	1755	6982	5697	1755
22	JUL	FY76	18	137	22	2981	0	0	0	299	1209	245	4489	299	4489	299	299
23	AUG	FY76	59	100	23	2842	0	0	0	248	988	241	4678	248	4596	4078	248
24	SEP	FY76	187	28	24	2842	0	0	0	1799	850	209	5491	1799	5879	5491	1799
25	OCT	FY77	594	0	25	2842	0	0	0	6601	1118	204	10361	6601	10474	10361	6601
26	NOV	FY77	969	0	26	2981	0	0	0	6706	917	197	10694	6706	9823	10694	6706
27	DEC	FY77	1321	0	27	3956	0	0	0	10279	1054	204	15299	10279	16123	15299	10279
28	JAN	FY77	1692	0	28	3631	0	0	0	10265	1126	204	15122	10265	18138	15122	10265
29	FEB	FY77	1119	0	29	3956	0	0	0	8685	1118	203	13759	8685	15327	13759	8685
30	MAR	FY77	703	4	30	4141	0	0	0	6761	997	201	11899	6761	13818	11899	6761
31	APR	FY77	449	28	31	3167	0	0	0	5217	1247	201	9627	5217	12862	9627	5217
32	MAY	FY77	148	80	32	2564	0	0	0	2757	963	199	6284	2757	8883	2757	8883
33	JUN	FY77	127	86	33	2285	0	0	0	2740	887	198	5912	2740	5697	5912	2740
34	JUL	FY77	9	246	34	2564	0	0	0	155	960	196	3679	155	4489	3679	155
35	AUG	FY77	28	171	35	2784	0	0	0	325	828	197	3917	325	4078	3917	325
36	SEP	FY77	65	89	36	2877	0	0	0	1838	1077	195	5792	1838	5491	5792	1838
37	OCT	FY78	429	0	37	2877	0	0	0	5412	636	171	9235	5412	10561	9235	5412
38	NOV	FY78	652	4	38	4083	0	0	0	5661	831	170	10575	5661	10694	10575	5661
39	DEC	FY78	1142	0	39	3480	0	0	0	11305	1148	167	15933	11305	15299	15933	11305
40	JAN	FY78	1403	0	40	3990	0	0	0	10065	1095	166	15120	10065	15120	10065	10065
41	FEB	FY78	1318	0	41	3480	0	0	0	9630	951	170	14061	9630	13759	14061	9630
42	MAR	FY78	1030	0	42	3341	0	0	0	10200	1311	167	14352	10200	11899	14352	10200
43	APR	FY78	582	0	43	3666	0	0	0	5815	962	170	10443	5815	9627	10443	5815
44	MAY	FY78	273	37	44	3341	0	0	0	4646	869	176	8896	4646	6284	8896	4646
45	JUN	FY78	86	102	45	2598	0	0	0	2038	1036	186	5972	2038	5912	5972	2038
46	JUL	FY78	31	142	46	2366	0	0	0	365	782	185	3513	365	3679	3513	365
47	AUG	FY78	2	176	47	2784	0	0	0	487	803	184	4074	487	3937	4074	487
48	SEP	FY78	62	117	48	2277	0	0	0	1693	983	181	4908	1693	5792	4908	1693
49	OCT	FY79	455	0	49	2459	0	0	0	4749	914	163	8142	4749	9235	8142	4749
50	NOV	FY79	680	0	50	3109	0	0	0	5024	826	165	9959	5024	10575	9959	5024
51	DEC	FY79	1004	0	51	3805	0	0	0	10403	1219	165	15127	10403	15933	15127	10403
52	JAN	FY79	1363	0	52	3944	0	0	0	9624	1057	165	14625	9624	15120	14625	9624
53	FEB	FY79	1332	0	53	4501	0	0	0	9550	937	164	14988	9550	14988	9550	9550
54	MAR	FY79	781	0	54	4037	0	0	0	8969	1115	161	14121	8969	14852	14121	8969
55	APR	FY79	568	7	55	3387	0	0	0	5803	851	171	10041	5803	10443	10041	5803
56	MAY	FY79	310	38	56	2784	0	0	0	3812	922	174	7518	3812	8856	7518	3812

PROCESS ENERGY ANALYSIS

RAVENNA AAP

ORS	MONTH	FYFAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MDGAS	LRRFRC	MBTU	HTGMBTU	MRTU1YR	MBTUADJ	HTGADJ
57	JUN	FY79	74	95	57	2598	0	0	0	0	2312	10650	176	5970	2312	5672	5970.0	2312.0
58	JUL	FY79	35	147	58	2366	0	0	0	0	182	791	175	3339	182	3513	3339.0	182.0
59	AUG	FY79	37	139	59	2645	0	0	0	0	552	962	173	4159	552	4074	4159.0	552.0
60	SEP	FY79	141	61	60	2738	0	0	0	0	1055	799	175	4152	1055	4908	4592.0	1055.0
61	OCT	FY80	445	14	61	2970	0	0	0	0	4251	810	171	8031	4251	8142	8031.0	4251.0
62	NOV	FY80	652	0	62	2830	0	0	0	0	7946	1254	162	12080	7946	9959	12080.0	7996.0
63	DEC	FY80	987	0	63	3155	0	0	0	0	7582	945	162	11682	7582	15427	11682.0	7582.0
64	JAN	FY80	1250	0	64	4222	0	0	0	0	8137	946	159	13305	8137	14625	13305.0	8137.0
65	FEB	FY80	1270	0	65	3526	0	0	0	0	10515	1127	157	15168	10515	14988	15168.0	10515.0
66	MAR	FY80	1008	0	66	3689	0	0	0	0	7555	847	153	12091	7555	14121	12091.0	7555.0
67	APR	FY80	596	0	67	3967	0	0	0	0	5542	789	166	10298	5542	10041	10298.0	5542.0
68	MAY	FY80	233	23	68	2807	0	0	0	0	4539	1002	166	8348	4539	7518	8348.0	4539.0
69	JUN	FY80	139	41	69	2610	0	0	0	0	2109	838	166	5557	2109	5970	5557.0	2109.0
70	JUL	FY80	11	153	70	2413	0	0	0	0	293	706	165	3412	293	3339	3412.0	293.0
71	AUG	FY80	12	203	71	2784	0	0	0	0	254	969	164	4007	254	4159	4007.0	254.0
72	SEP	FY80	117	66	72	2738	0	0	0	0	1222	735	162	4695	1222	4592	4695.0	1222.0
73	OCT	FY81	576	0	73	2784	0	0	0	0	6515	1058	162	10757	6515	8031	10357.0	6515.0
74	NOV	FY81	826	0	74	2703	0	0	0	0	6704	927	155	10334	6704	12080	10334.0	6704.0
75	DEC	FY81	1220	0	75	3573	0	0	0	0	10094	918	155	14585	10094	11682	14585.0	10094.0
76	JAN	FY81	1438	0	76	3909	0	0	0	0	10595	1124	155	15629	10595	13305	16971.7	11938.7
77	FEB	FY81	989	0	77	4350	0	0	0	0	8655	996	154	14001	8655	15168	14924.4	9578.4
78	MAR	FY81	894	0	78	3874	0	0	0	0	8718	962	154	13554	8718	12091	14388.7	9552.7
79	APR	FY81	408	6	79	3410	0	0	0	0	5466	803	160	9679	5466	10298	10060.0	5847.0
80	MAY	FY81	232	30	80	2610	0	0	0	0	4184	776	161	7570	4184	8348	7786.6	4400.6
81	JUN	FY81	16	179	81	2749	0	0	0	0	736	756	162	4241	736	5557	4255.9	750.9
82	JUL	FY81	12	212	82	2471	0	0	0	0	356	797	164	3624	356	3412	3635.2	367.2
83	AUG	FY81	21	124	83	2378	0	0	0	0	410	771	165	3559	410	4007	3578.6	429.6
84	SEP	FY81	189	55	84	2784	0	0	0	0	2717	834	162	6335	2717	4695	6511.5	2893.5
85	OCT	FY82	491	0	85	2703	0	0	0	0	5147	1098	154	8948	5147	10357	9406.5	5605.5
86	NOV	FY82	721	0	86	2795	0	0	0	0	5734	981	155	9511	5734	10334	10194.2	6407.2
87	DEC	FY82	1101	0	87	3805	0	0	0	0	7095	1140	154	12040	7095	14585	13068.0	8123.0
88	JAN	FY82	1414	0	88	3851	0	0	0	0	8385	1117	154	13353	8385	15629	14673.3	9705.3
89	FEB	FY82	1098	0	89	4501	0	0	0	0	6591	995	153	12087	6591	14001	13112.2	7616.2
90	MAR	FY82	920	0	90	4779	0	0	0	0	6261	1125	160	12165	6261	13554	13024.0	7120.0
91	APR	FY82	628	2	91	3387	0	0	0	0	6151	1075	209	10613	6151	9679	11199.4	6737.4
92	MAY	FY82	81	66	92	2796	0	0	0	0	2341	957	214	6094	2341	7570	6169.6	2416.6
93	JUN	FY82	99	28	93	3596	0	0	0	0	1289	1141	214	6026	1289	4241	6118.4	1381.4
94	JUL	FY82	141	209	94	2854	0	0	0	0	386	887	214	4137	386	3624	4147.3	406.3
95	AUG	FY82	65	98	95	2633	0	0	0	0	355	895	216	3883	355	3559	3943.7	415.7
96	SEP	FY82	161	42	96	2900	0	0	0	0	2649	912	213	6461	2649	6335	6611.3	2799.3

ORS	MONTH	FYEAR	IDD	CDD	TIME	ELC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBRRFC	UNITS	DDW	HRU	THURBU	MRTU1YR
1	OCT	FY75	60	96	1	1987	12418	0	115	0	0	723	573	0	0	33243	12533	
2	NOV	FY75	400	0	2	21124	18596	0	19	0	0	692	593	0	0	40431	18615	
3	DEC	FY75	639	0	3	18850	16060	0	979	0	0	514	608	0	0	36403	17039	
4	JAN	FY75	716	0	4	24302	21409	0	2001	0	0	740	658	0	0	48452	23410	
5	FEB	FY75	434	0	5	23177	20324	0	288	0	0	592	685	0	0	44381	20612	
6	MAR	FY75	419	0	6	12029	10205	0	226	0	0	332	676	0	0	22792	10471	
7	APR	FY75	335	0	7	10475	7879	0	231	0	0	289	673	0	0	18884	8110	
8	MAY	FY75	56	157	8	26123	20654	0	69	0	0	574	687	0	0	47420	20723	
9	JUN	FY75	6	236	9	24986	16268	0	38	0	0	474	679	0	0	41765	16306	
10	JUL	FY75	0	341	10	18618	13580	0	65	0	0	474	654	0	0	32737	13645	
11	AUG	FY75	1	318	11	24198	14453	0	57	0	0	604	539	0	0	39312	14510	
12	SEP	FY75	0	288	12	13444	15974	0	191	0	0	364	278	0	0	24973	16165	
13	OCT	FY76	140	36	13	5730	4040	0	0	0	0	231	272	0	0	10001	4040	33243
14	NOV	FY76	420	0	14	2134	3204	0	229	0	0	150	270	0	0	5717	3433	40431
15	DEC	FY76	622	0	15	2181	967	0	40	0	0	222	268	0	0	3410	1007	36403
16	JAN	FY76	613	0	16	5522	733	0	0	0	0	276	250	0	0	6531	733	48452
17	FEB	FY76	408	0	17	3770	339	0	177	0	0	139	225	0	0	4425	516	44381
18	MAR	FY76	412	0	18	1926	274	0	176	0	0	147	219	0	0	2523	450	22792
19	APR	FY76	339	0	19	2390	166	0	0	0	0	207	221	0	0	2763	166	18884
20	MAY	FY76	42	81	20	1926	361	0	125	0	0	137	227	0	0	2549	486	47420
21	JUN	FY76	7	248	21	2250	206	0	318	0	0	213	222	0	0	2987	524	41766
22	JUL	FY76	0	392	22								214	0	0			32737
23	AUG	FY76	0	288	23								192	0	0			39312
24	SEP	FY76	0	273	24								188	0	0			29973
25	OCT	FY77	29	121	25								184	0	0			10001
26	NOV	FY77	255	0	26								177	0	0			5717
27	DEC	FY77	581	0	27								176	0	0			3410
28	JAN	FY77	650	0	28								124	0	0			4425
29	FEB	FY77	324	0	29								124	0	0			2523
30	MAR	FY77	348	0	30								127	0	0			18884
31	APR	FY77	41	55	31								135	0	0			47420
32	MAY	FY77	100	46	32								135	0	0			2549
33	JUN	FY77	0	356	33								137	0	0			2987
34	JUL	FY77	0	446	34								140	0	0			
35	AUG	FY77	0	436	35								117	0	0			
36	SEP	FY77	2	243	36								118	0	0			
37	OCT	FY78	41	95	37								120	0	0			
38	NOV	FY78	284	0	38								118	0	0			
39	DEC	FY78	451	0	39								119	0	0			
40	JAN	FY78	449	0	40								142	0	0			
41	FEB	FY78	358	0	41								148	0	0			
42	MAR	FY78	191	0	42								151	0	0			
43	APR	FY78	212	1	43								161	0	0			
44	MAY	FY78	16	142	44								168	0	0			
45	JUN	FY78	0	250	45								173	0	0			
46	JUL	FY78	0	425	46								166	0	0			
47	AUG	FY78	0	426	47								142	0	0			
48	SEP	FY78	3	218	48								164	0	0			
49	OCT	FY79	33	142	49								182	0	0			
50	NOV	FY79	398	0	50								178	0	0			
51	DEC	FY79	713	0	51								147	0	0			
52	JAN	FY79	605	0	52								161	0	0			
53	FEB	FY79	384	0	53								175	0	0			
54	MAR	FY79	262	0	54								200	0	0			
55	APR	FY79	126	0	55								220	47	176			
56	MAY	FY79	27	192	56								223	16	54			

OBS	MONTH	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LRRFRC	UNITS	101WT	MBTU	HTGMBTU	MBTU1YR
57	JUN	FY79	0	309	57								238	0	0			
58	JUL	FY79	0	412	58								276	43	162			
59	AUG	FY79	0	386	59								294	67	250			
60	SEP	FY79	0	390	60								285	65	244			
61	OCT	FY80	60	104	61								270	40	148			
62	NOV	FY80	338	0	62								272	26	98			
63	DEC	FY80	518	0	63								263	19	73			
64	JAN	FY80	473	0	64								269	0	0			
65	FEB	FY80	300	0	65								229	357	263			
66	MAR	FY80	345	0	66								228	392	181			
67	APR	FY80	140	18	67								225	389	179			
68	MAY	FY80	54	91	68								246	702	367			
69	JUN	FY80	3	184	69								272	657	411			
70	JUL	FY80	0	456	70								270	635	451			
71	AUG	FY80	0	370	71								272	666	416			
72	SEP	FY80	5	199	72								267	954	591			
73	OCT	FY81	107	126	73	14987	5578	0	0	0	0	357	263	972	463	20922	5578	
74	NOV	FY81	309	0	74	14059	5882	0	0	0	0	205	248	787	362	20146	5882	
75	DEC	FY81	613	0	75	13630	5825	0	0	0	0	184	242	917	422	19639	5825	
76	JAN	FY81	512	0	76	13630	4868	0	0	0	0	194	224	818	376	18692	4868	
77	FEB	FY81	341	0	77	11159	2895	0	0	0	0	116	98	734	338	14170	2895	
78	MAR	FY81	330	0	78	5046	178	0	0	0	0	110	93	0	0	5334	178	
79	APR	FY81	137	48	79	4884	1501	0	0	0	0	26	71	0	0	6411	1501	
80	MAY	FY81	23	159	80	2540	1193	0	0	0	0	42	72	0	0	3775	1193	
81	JUN	FY81	0	474	81	2540	1193	0	0	0	0	16	64	0	0	3749	1193	
82	JUL	FY81	0	411	82	2494	0	0	1540	0	0	26	69	0	0	4060	1540	
83	AUG	FY81	0	371	83	2042	0	0	1308	0	0	42	72	0	0	2392	308	
84	SEP	FY81	0	270	84	2274	0	0	0	0	0	32	74	0	0	2306	0	20922
85	OCT	FY82	116	9	85	2726	0	0	0	0	0	43	69	0	0	2769	0	20146
86	NOV	FY82	263	0	86	3004	15	0	0	0	0	65	75	0	0	3084	15	19639
87	DEC	FY82	477	0	87	6624	197	0	0	0	0	62	71	0	0	6883	197	18692
88	JAN	FY82	708	0	88	673	51	0	0	0	0	70	69	0	0	794	51	14170
89	FEB	FY82	396	0	89	2668	0	0	73	0	0	43	70	0	0	2784	73	5334
90	MAR	FY82	405	0	90	2900	30	0	0	0	0	38	71	0	0	2968	30	6411
91	APR	FY82	228	2	91	2726	27	0	0	0	0	53	86	0	0	2806	27	3775
92	MAY	FY82	35	111	92	6136	342	0	0	0	0	136	108	0	0	6614	342	3749
93	JUN	FY82	13	155	93	5000	1471	0	0	0	0	116	107	0	0	6587	1471	4060
94	JUL	FY82	0	348	94	5220	1188	0	0	0	0	95	109	0	0	6503	1188	2392
95	AUG	FY82	0	345	95	4768	1512	0	0	0	0	105	115	0	0	6385	1512	2306
96	SEP	FY82	9	202	96	5000	1753	0	616	0	0	100	119	0	0	7469	2369	

PROCESS ENERGY ANALYSIS - ROCK ISLAND ARSENAL

[illegible]

OBS	MONTH	FYEAR	PURELEC	GENELEC	COAL	NATGAS	FSX	MOGAS	AVFUEL	TIME	TOTELEC	MBTU	HTGM8TU	HDD
51	DEC	FY79	2600	1553	148340	4884	481	373	138	51	4153	206870	156026	1305
52	JAN	FY79	2957	1394	194649	6690	645	271	142	52	4351	257722	205096	1820
53	FEB	FY79	2641	1332	164588	6862	522	275	282	53	3973	223473	174491	1445
54	MAR	FY79	3359	1097	120614	4958	534	312	373	54	4456	183931	128683	884
55	APR	FY79	3776	506	86866	4658	275	253	271	55	4282	145521	93126	521
56	MAY	FY79	3614	734	44809	3698	103	261	249	56	4348	102196	49107	172
57	JUN	FY79	3175	1313	39525	3049	32	291	264	57	4488	97709	42760	12
58	JUL	FY79	2908	1538	44318	2913	53	222	126	58	4446	100928	47540	5
59	AUG	FY79	3237	1490	45104	3339	54	323	167	59	4727	107692	48758	22
60	SEP	FY79	2534	1567	43777	2545	12	220	146	60	4101	95870	46392	95
61	OCT	FY80	2295	1886	51050	2921	52	237	228	61	4181	105192	54274	415
62	NOV	FY80	2368	1586	84349	4087	317	288	291	62	3954	139160	90283	831
63	DEC	FY80	2470	1634	101765	5120	427	208	190	63	4104	159049	109372	1027
64	JAN	FY80	2953	1680	125864	4405	405	242	177	64	4633	188553	132628	1280
65	FEB	FY80	2562	1608	126920	6518	684	335	140	65	4170	188274	137422	1324
66	MAR	FY80	2602	1654	99180	4870	279	223	214	66	4256	157318	105675	966
67	APR	FY80	2886	1318	102454	4030	364	216	85	67	4204	158942	108604	481
68	MAY	FY80	2601	1752	555	2807	109	288	294	68	4353	57518	3997	129
69	JUN	FY80	3108	1486	41390	2508	32	244	283	69	4594	100113	44084	27
70	JUL	FY80	2993	1735	36969	2040	7	216	256	70	4728	96347	39050	0
71	AUG	FY80	3174	1591	35042	2171	63	288	327	71	4765	96050	37580	1
72	SEP	FY80	3137	1214	31403	2232	45	225	252	72	4351	86848	33897	77
73	OCT	FY81	2786	1488	51595	2973	87	297	269	73	4274	107602	55079	503
74	NOV	FY81	2191	1690	79818	3948	322	223	202	74	3881	132872	85642	755
75	DEC	FY81	2595	1735	112331	4393	488	244	201	75	4330	172111	119567	1180
76	JAN	FY81	2725	1699	120000	5188	560	273	193	76	4424	182196	128450	1281

PROCESS ENERGY ANALYSIS - ROCK ISLAND ARSENAL

9:49 THURSDAY, SEPTEMBER 15, 1983

ORS	MONTH	FYEAR	PURELEC	GENELEC	COAL	NATGAS	FSX	MOGAS	AVFUEL	TIME	TOTELEC	MBTU	HTGMBTU	HDD
77	FEB	FY81	2435	1548	103211	6378	463	247	216	77	3983	160898	112286	1055
78	MAR	FY81	2648	1771	82417	4441	329	268	290	78	4419	142935	88774	783
79	APR	FY81	2819	1481	47095	3616	196	274	226	79	4300	104335	51853	322
80	MAY	FY81	2604	1658	32986	3723	79	239	194	80	4262	88862	37169	253
81	JUN	FY81	3042	1694	35641	3243	95	268	213	81	4736	96879	39437	3
82	JUL	FY81	3110	1697	36256	2699	39	259	241	82	4807	97544	39182	12
83	AUG	FY81	3187	1742	34399	2827	34	234	168	83	4929	96694	37424	9
84	SEP	FY81	3033	1637	33069	3064	81	278	239	84	4670	93467	36605	91
85	OCT	FY82	2822	1637	52399	3894	321	270	273	85	4459	112711	58163	459
86	NOV	FY82	2611	1668	76438	4196	227	237	356	86	4279	134670	81956	710
87	DEC	FY82	3130	1800	119229	5489	377	260	252	87	4930	186765	126914	1226
88	JAN	FY82	3226	1620	149887	6833	561	318	290	88	4846	219364	159988	1682
89	FEB	FY82	2995	1406	103531	4989	453	271	365	89	4401	165513	111159	1214
90	MAR	FY82	3648	1370	87340	5211	392	313	334	90	5018	156407	94834	936
91	APR	FY82	4090	718	73967	4299	231	276	506	91	4808	139439	79612	604
92	MAY	FY82	3437	1042	36722	2844	89	258	744	92	4479	97227	40084	62
93	JUN	FY82	3437	1490	31349	2671	25	282	512	93	4927	95436	34166	35
94	JUL	FY82	3475	1687	33215	1694	41	274	328	94	5162	98155	35148	0
95	AUG	FY82	3283	1882	33912	2119	31	280	906	95	5165	102261	36212	14
96	SEP	FY82	2957	1812	30913	2416	38	283	406	96	4769	92447	33550	110

ORS	CDD	DDAYS	MBTU1YR	M48	M140	M101	M178	M178K	M178B	M198	M174	M85	B52	WEIGHT	MMONTHS	UNITS	MBTUADJ
77	0	1055	188274	0	50	52	25	0	40	0	14	50	0	489210	762.0	191	161720
78	0	783	157318	0	40	0	39	165	55	3	28	50	0	373850	677.3	160	143545
79	8	330	158942	0	40	0	35	51	97	0	14	50	0	243850	473.8	139	104442
80	27	280	57518	0	14	0	25	59	77	6	15	0	0	268960	375.9	60	88572
81	191	194	100113	30	66	23	20	0	33	0	20	0	5	408080	587.8	164	93437
82	275	287	96347	46	55	0	40	45	55	8	20	0	10	477600	601.1	179	92594
83	209	218	96050	62	15	0	41	47	55	8	0	0	5	326500	356.8	131	92932
84	50	141	86848	36	50	30	44	55	65	0	0	0	4	393240	555.4	164	92443
85	0	459	107602	0	52	0	60	55	65	10	0	0	0	425280	473.0	122	112875
86	0	710	132872	32	42	8	60	55	65	8	4	0	1	462580	564.3	155	135030
87	0	1226	172111	16	31	0	60	50	56	10	4	170	0	434690	694.5	291	187526
88	0	1682	182196	16	21	0	20	50	74	10	8	0	0	307240	329.3	75	220481
89	0	1214	160898	16	31	0	40	50	50	7	8	0	5	336940	412.3	107	166265
90	0	936	142935	0	31	0	40	50	50	9	8	0	5	359390	473.7	143	156942
91	0	604	104335	0	11	0	40	50	50	24	8	0	0	562040	489.7	83	139716
92	102	164	88862	0	21	0	40	50	50	25	4	0	0	574440	471.4	90	95242
93	78	113	96879	0	30	6	40	50	50	25	4	0	12	622200	526.9	117	93863
94	327	327	97544	0	30	0	40	50	50	20	4	0	0	509200	449.4	94	92064
95	215	229	96694	0	30	0	40	50	50	20	4	50	0	512450	509.4	144	98202
96	95	205	93467	0	30	13	40	50	50	20	4	50	0	577190	597.8	157	90626

OBS	MONTH	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MDGAS	LBRTFC	TRUPS	MOTU	HTCMBTU	MBTU/YR
1	OCT	FY75	156	23	1	6612	202	0	0	0	93	625	170		7532	295	
2	NOV	FY75	596	0	2	6937	1533	0	0	0	285	714	171		9459	1818	
3	DEC	FY75	920	0	3	8770	3880	0	0	0	268	436	175		11154	4148	
4	JAN	FY75	974	0	4	9361	4725	0	0	0	315	772	174		15173	5040	
5	FEB	FY75	1016	0	5	9408	3521	0	0	0	1934	683	179		15546	5455	
6	MAR	FY75	757	0	6	8340	3111	0	0	0	0	0	180		11651	3111	
7	APR	FY75	333	32	7	8398	2650	0	0	0	472	662	180		12182	3122	
8	MAY	FY75	72	49	8	6925	78	0	0	0	233	740	197		7926	311	
9	JUN	FY75	9	275	9	7053	90	0	0	0	186	516	198		7865	276	
10	JUL	FY75	0	450	10	7528	114	0	0	0	606	541	200		8789	720	
11	AUG	FY75	0	515	11	7888	240	0	0	0	1247	593	195		9068	1487	
12	SEP	FY75	98	128	12	7250	150	0	0	0	5662	593	202		11655	5817	
13	OCT	FY76	201	63	13	8259	144	0	0	0	1019	688	225		10110	1163	7532
14	NOV	FY76	596	0	14	7517	268	0	0	0	3303	625	240		11713	3571	9469
15	DEC	FY76	892	0	15	10301	350	0	0	0	5004	698	241		16353	5354	13354
16	JAN	FY76	1015	0	16	9964	542	0	0	0	6798	1013	239		18317	7340	15173
17	FEB	FY76	562	0	17	8480	335	0	0	0	3227	630	238		12672	3562	15546
18	MAR	FY76	575	2	18	8317	187	0	0	0	2802	856	239		12162	2989	11651
19	APR	FY76	238	19	19	7412	66	0	0	0	786	735	239		8999	852	12182
20	MAY	FY76	173	32	20	7250	133	0	0	0	47	509	252		7939	180	7976
21	JUN	FY76	2	270	21	7296	61	0	0	0	146	614	263		8117	207	7865
22	JUL	FY76	0	420	22	7511	12	0	0	0	111	761	262		8395	123	8789
23	AUG	FY76	0	464	23	8433	0	0	0	0	23	509	246		8965	21	9968
24	SEP	FY76	38	187	24	8137	0	0	0	0	181	604	244		8422	181	13655
25	OCT	FY77	409	23	25	7859	77	0	11	0	2400	761	244		11108	2488	10110
26	NOV	FY77	794	0	26	9750	191	0	11	0	3210	688	246		13850	3412	11713
27	DEC	FY77	966	0	27	10736	943	0	11	0	5901	971	247		18562	6855	16353
28	JAN	FY77	1253	0	28	9906	489	0	12	0	7747	746	248		18900	8248	18117
29	FEB	FY77	646	0	29	9170	391	0	12	0	5854	725	250		16152	6257	12672
30	MAR	FY77	456	3	30	8741	247	0	13	0	2173	693	252		11867	2413	12162
31	APR	FY77	170	19	31	7209	131	0	0	0	1101	772	255		9213	1232	8919
32	MAY	FY77	12	152	32	6316	10	0	0	0	70	682	280		7078	80	7939
33	JUN	FY77	0	404	33	4501	73	0	0	0	449	646	287		5669	522	8117
34	JUL	FY77	0	581	34	8851	96	0	0	0	553	614	288		10114	649	8195
35	AUG	FY77	0	404	35	9048	85	0	0	0	583	719	272		10415	668	8965
36	SEP	FY77	1	254	36	11136	222	0	0	0	775	651	278		12754	997	8922
37	OCT	FY78	176	24	37	11188	344	0	7	0	2142	693	278		14574	2693	11108
38	NOV	FY78	558	0	38	11710	98	0	7	0	6990	682	278		19487	7095	13850
39	DEC	FY78	926	0	39	11641	43	0	7	0	46373	956	278		59020	46423	18562
40	JAN	FY78	1375	0	40	10904	35	0	7	0	8586	1003	280		20515	8624	18900
41	FEB	FY78	1149	0	41	11507	34	0	7	0	8883	609	283		21040	8924	16152
42	MAR	FY78	663	6	42	9848	30	0	7	0	7019	1496	295		18400	7056	11867
43	APR	FY78	194	20	43	8909	21	0	1	0	437	530	295		9898	459	9213
44	MAY	FY78	112	122	44	7070	15	0	1	0	588	887	329		8561	604	7078
45	JUN	FY78	6	366	45	9425	172	0	2	0	106	840	351		10625	360	5669
46	JUL	FY78	0	631	46	9094	423	0	0	0	6227	934	349		16678	6650	10114
47	AUG	FY78	0	510	47	11202	117	0	0	0	2056	746	300		14121	2173	10435
48	SEP	FY78	18	364	48	9744	52	0	0	0	1351	604	299		11751	1403	12784
49	OCT	FY79	210	23	49	11142	78	0	2	0	3897	1669	302		16788	3977	14574
50	NOV	FY79	598	5	50	12284	38	0	3	0	8557	861	302		21743	8598	19487
51	DEC	FY79	1016	0	51	9605	91	0	3	0	11382	604	305		21685	11476	59020
52	JAN	FY79	1491	0	52	12041	290	0	8	0	10858	1003	313		24200	11156	20515
53	FEB	FY79	1143	0	53	10904	146	0	8	0	11295	1113	338		23466	11449	21040
54	MAR	FY79	560	5	54	10765	25	0	9	0	6798	840	357		18437	6832	18400
55	APR	FY79	333	14	55	10022	25	0	0	0	3559	924	365		14530	3584	9898
56	MAY	FY79	104	81	56	8793	61	0	0	0	128	782	390		9764	189	8561

OBS	MONTH	YEAR	HDD	CO2	TIME	ELEC	NATGAS	COAL	PPG	HM	TSX	MUGAS	LRTRC	HOURS	MBTU	HICARTU	MBUTYR
57	JUN	FY79	3	294	57	9350	21	0	0	0	704	1281	439	11356	725	10625	10625
58	JUN	FY79	0	488	58	9135	0	0	1	0	122	840	454	10098	123	10678	10678
59	AUG	FY79	0	465	59	10608	0	0	1	0	600	914	421	12121	601	14121	14121
60	SEP	FY79	10	249	60	9379	0	0	2	0	414	638	449	10491	416	11751	11751
61	OCT	FY80	156	67	61	16669	26522	2827	12462	0	670	1050	457	10200	42481	16788	16788
62	NOV	FY80	690	0	62	21918	66087	10078	12463	0	303	1071	485	111920	88931	21743	21743
63	DEC	FY80	838	0	63	25387	15739	39328	12463	0	21947	1092	497	115956	89477	21685	21685
64	JAN	FY80	1038	0	64	27092	59285	39328	6666	0	606	798	511	133775	105885	24200	24200
65	FEB	FY80	1063	0	65	22643	0	53978	6667	0	1503	1517	518	12051	62148	23466	23466
66	MAR	FY80	723	0	66	17980	0	63908	6667	0	1392	877	539	12757	71967	18437	18437
67	APR	FY80	318	3	67	15208	0	74289	0	0	8802	866	554	12648	59165	43091	14530
68	MAY	FY80	116	75	68	12325	0	17280	0	0	9798	992	596	14238	40395	27078	9764
69	JUN	FY80	0	456	69	14326	16361	0	0	0	495	840	632	14865	32022	16856	11356
70	JUL	FY80	0	796	70	19721	22628	0	8308	0	1101	824	631	16353	52582	32037	10098
71	AUG	FY80	0	635	71	17880	18067	0	8308	0	2114	1071	579	13673	47540	28489	12123
72	SEP	FY80	28	340	72	24865	25401	0	8308	0	1474	808	578	13073	60856	35183	10493
73	OCT	FY81	239	52	73	15161	25139	0	0	0	1418	1084	576	14141	42602	26557	60200
74	NOV	FY81	535	1	74	21379	65474	0	0	0	1581	1137	588	12460	80571	67055	111920
75	DEC	FY81	864	0	75	21646	63420	0	0	0	18530	1115	592	14453	104711	81950	115956
76	JAN	FY81	954	0	76	27457	66047	0	0	0	18287	1125	602	14512	112916	84334	133775
77	FEB	FY81	692	0	77	32503	48570	17393	0	0	5320	1230	609	17141	105016	71283	86308
78	MAR	FY81	533	0	78	29487	885	27431	8308	0	5274	1109	615	14732	72494	41898	90824
79	APR	FY81	104	72	79	21437	2352	7952	4154	0	25883	931	629	14136	62709	40341	59165
80	MAY	FY81	126	56	80	18676	212	0	0	0	42875	1141	631	13951	62904	43087	40395
81	JUN	FY81	0	393	81	17458	5457	0	0	0	22334	1135	623	14642	46384	27791	32022
82	JUL	FY81	0	582	82	16890	17757	0	4154	0	95	1237	623	14245	40133	22006	52582
83	AUG	FY81	0	412	83	16820	15723	0	4154	0	52	931	581	12826	37680	19929	47540
84	SEP	FY81	24	240	84	15962	9852	0	0	0	9486	1154	572	12516	26474	19338	60856
85	OCT	FY82	292	17	85	17470	77	0	0	0	30958	1575	559	12712	50080	31035	42802
86	NOV	FY82	537	0	86	18676	125	0	0	0	44870	1187	557	11068	64858	44995	89571
87	DEC	FY82	990	0	87	19163	31539	0	0	0	12268	1362	556	12800	64332	43807	104711
88	JAN	FY82	1214	0	88	23177	63914	0	0	0	6345	1272	555	11612	114657	93226	105016
89	FEB	FY82	1033	0	89	20184	69768	0	20771	0	2687	1247	548	13284	81946	61196	72494
90	MAR	FY82	583	1	90	19430	56706	0	4154	0	336	1320	545	13284	81946	61196	72494
91	APR	FY82	356	16	91	15938	47840	0	0	0	369	1172	539	11795	65319	48209	62709
92	MAY	FY82	54	70	92	11264	13572	0	8309	0	450	947	533	11033	34542	22331	62904
93	JUN	FY82	17	186	93	9535	10181	0	0	0	94	1132	530	12178	20942	10275	46384
94	JUL	FY82	0	516	94	10405	10086	0	16617	0	228	1046	525	11519	38382	26931	40133
95	AUG	FY82	0	534	95	9686	8042	0	0	0	236	984	516	11820	18948	8278	37680
96	SEP	FY82	37	253	96	8758	6715	0	0	0	263	930	516	11122	16666	6978	36474

ORS	MONTH	YEAR	IND	CDD	TIME	FUE	NATGAS	COAL	EPG	HW	FSX	POWAS	LBRERC	MBTU	MBTU/HR	MBTU/HR	MBTU/HR	HITGADJ
1	OCT	FY75	467	1	1	66282	99700	0	15	0	379	457	1025	166833	100004	166833	100094	100094
2	NOV	FY75	933	0	2	51643	53800	0	0	0	46128	719	1038	152290	99928	152290	99928	99928
3	DEC	FY75	1252	0	3	57304	71681	0	0	0	58577	557	1066	188119	130258	188119	130258	130258
4	JAN	FY75	1561	0	4	62698	54678	0	15	0	90494	782	1057	208667	145187	208667	145187	145187
5	FEB	FY75	1379	0	5	69148	60253	0	13	0	66668	625	1049	196707	126134	196707	126134	126134
6	MAR	FY75	1324	0	6	54044	67842	0	15	0	47171	551	1027	169623	115028	169623	115028	115028
7	APR	FY75	775	0	7	54485	82556	0	15	0	36613	562	995	174231	119184	174231	119184	119184
8	MAY	FY75	188	66	8	55692	64183	0	0	0	280	593	736	120748	64463	120748	64463	64463
9	JUN	FY75	39	159	9	48094	37399	0	12	0	414	389	725	86308	37825	86308	37825	37825
10	JUL	FY75	15	371	10	41203	46514	0	0	0	227	463	722	88407	46741	88407	46741	46741
11	AUG	FY75	7	220	11	45484	45418	0	0	0	64	473	719	91439	45482	91439	45482	45482
12	SEP	FY75	231	18	12	43604	57856	0	15	0	41	410	722	101926	57912	101926	57912	57912
13	OCT	FY76	387	16	13	41586	74238	0	15	0	4405	669	731	120973	78718	120973	78718	78718
14	NOV	FY76	818	0	14	41644	68390	0	0	0	37517	534	741	148685	106507	148685	106507	106507
15	DEC	FY76	1346	0	15	41969	29476	0	21	0	75071	693	738	147230	104568	147230	104568	104568
16	JAN	FY76	1650	0	16	40496	25700	0	0	0	106370	937	668	173503	132070	208667	173503	132070
17	FEB	FY76	1074	0	17	38106	72173	0	15	0	37190	572	665	148056	109378	196707	148056	109378
18	MAR	FY76	1031	0	18	35693	63130	0	0	0	45555	591	643	144969	108685	169623	144969	108685
19	APR	FY76	405	14	19	30450	52558	0	0	0	1830	533	265	85371	54188	174231	85371	54388
20	MAY	FY76	195	14	20	23884	30231	0	0	0	0	460	216	54575	30231	120748	54575	30231
21	JUN	FY76	11	223	21	20242	20864	0	15	0	213	316	204	41670	21112	86308	41670	21112
22	JUL	FY76	0	351	22	15776	18570	0	0	0	245	352	205	34943	18015	88407	34943	18015
23	AUG	FY76	4	269	23	16692	18922	0	0	0	306	296	186	36206	19218	91439	36206	19218
24	SEP	FY76	162	72	24	17400	21642	0	0	0	635	443	185	40120	22277	101926	40120	22277
25	OCT	FY77	632	7	25	16054	11537	0	0	0	30208	333	170	58132	41745	120973	58132	41745
26	NOV	FY77	1092	0	26	16658	1727	0	0	0	56463	352	146	75200	58190	148685	75200	58190
27	DEC	FY77	1590	0	27	19592	3005	0	0	0	85494	574	141	108625	88499	147230	108625	88499
28	JAN	FY77	2005	0	28	18688	3487	0	0	0	74322	523	137	97020	77809	173503	97020	77809
29	FEB	FY77	1180	0	29	19314	8411	0	0	0	58576	391	136	86692	66987	148685	86692	66987
30	MAR	FY77	844	0	30	17516	33537	0	0	0	33866	486	136	85405	67407	144969	85405	67407
31	APR	FY77	365	12	31	18815	28221	0	0	0	8620	346	134	56002	36841	85371	56002	36841
32	MAY	FY77	75	145	32	19094	16169	0	0	0	42	282	134	35587	16211	54575	35587	16211
33	JUN	FY77	17	129	33	20799	14445	0	0	0	79	359	136	35674	14524	41670	35674	14524
34	JUL	FY77	0	310	34	20544	13738	0	0	0	99	261	132	34650	13817	34943	34650	13817
35	AUG	FY77	35	76	35	21704	13901	0	0	0	29	281	132	35915	13930	36206	35915	13930
36	SEP	FY77	145	19	36	25536	16942	0	0	0	233	343	133	43054	17175	40120	43054	17175
37	OCT	FY78	548	0	37	24314	39261	0	0	0	4731	273	133	68579	43992	58132	68579	43992
38	NOV	FY78	1016	0	38	24789	32736	0	0	0	15723	317	133	73565	48459	75200	73565	48459
39	DEC	FY78	1505	0	39	29047	11035	0	0	0	63526	535	131	104143	74561	108625	104143	74561
40	JAN	FY78	1842	0	40	30821	5100	0	0	0	64533	407	132	100861	69533	97020	100861	69533
41	FEB	FY78	1488	0	41	28988	1256	0	0	0	65261	392	134	95897	66517	86692	95897	66517
42	MAR	FY78	1080	0	42	29302	10541	0	0	0	53961	439	131	94243	64502	85405	94243	64502
43	APR	FY78	584	0	43	28872	23427	0	0	0	27566	338	131	80393	51183	56002	80393	51183
44	MAY	FY78	162	72	44	29128	20177	0	0	0	3269	327	135	52901	23446	35587	52901	23446
45	JUN	FY78	46	138	45	28919	17851	0	0	0	119	359	134	47248	1970	35674	47248	1970
46	JUL	FY78	5	201	46	27921	15661	0	0	0	23	275	133	43880	15484	40120	43880	15484
47	AUG	FY78	7	236	47	28756	14601	0	0	0	64	338	132	43759	14665	35915	43759	14665
48	SEP	FY78	89	164	48	28223	18486	0	0	0	17	274	133	47000	18901	43054	47000	18901
49	OCT	FY79	464	0	49	26344	27732	0	0	0	8803	206	133	63085	36535	68579	63085	36535
50	NOV	FY79	968	0	50	31796	27389	0	0	0	47048	496	134	106729	74417	73565	106729	74417
51	DEC	FY79	1518	0	51	27179	1498	0	0	0	56585	429	131	85691	58081	104143	85691	58081
52	JAN	FY79	1914	0	52	31970	2317	0	0	0	70194	555	132	104056	72511	100861	105056	72511
53	FEB	FY79	1517	0	53	31958	2073	0	0	0	66132	549	130	100712	68205	95897	100712	68205
54	MAR	FY79	1112	0	54	29199	4570	0	0	0	61063	523	128	97655	67611	94243	97655	67611
55	APR	FY79	623	0	55	28072	14609	0	0	0	28280	362	128	71323	42889	80393	71323	42889
56	MAY	FY79	307	17	56	26355	20724	0	0	0	6907	327	128	54313	27611	52901	54313	27611

PROCESS ENERGY ANALYSIS TWIN CITIES AAP

ORS	MONTH	FYEAR	IODD	CDD	TIME	ELIC	NATGAS	COAL	PUG	HW	FSX	MOGAS	LBFRFC	MBTU	HCHMTU	MBTU/YR	MBTUADJ	HITGADJ
57	JUN	FY79	38	113	57	29603	17184	0	0	0	19	270	126	47076	17203	47218	47076	17203 0
58	JUL	FY79	0	275	58	24522	12356	0	0	0	75	243	127	37196	12431	43880	37196	12431 0
59	AUG	FY79	24	181	59	26587	13925	0	0	0	76	332	129	40920	14001	43759	40920	14001 0
60	SEP	FY79	105	65	60	30357	15604	0	0	0	76	264	130	46301	15660	47000	46301	15660 0
61	OCT	FY80	566	0	61	27399	35309	0	0	0	0	317	128	63025	35309	63085	63025	35309 0
62	NOV	FY80	992	0	62	26622	47340	0	0	0	5610	384	128	79956	52950	106729	79956	52950 0
63	DEC	FY80	1203	0	63	29151	42178	0	0	0	22471	337	128	94137	64649	85691	94137	64649 0
64	JAN	FY80	1536	0	64	29023	43535	0	0	0	32698	487	130	105741	76213	105056	105741	76213 0
65	FEB	FY80	1436	0	65	25972	45305	0	0	0	15501	445	131	87223	60806	100712	87223	60806 0
66	MAR	FY80	1165	0	66	25880	28192	0	0	0	28649	372	129	83093	65841	97655	83093	65841 0
67	APR	FY80	484	16	67	24604	287	0	0	0	44894	358	127	70147	45181	71323	70147	45181 0
68	MAY	FY80	184	82	68	23908	14724	0	0	0	0	295	129	38927	14724	54313	38927	14724 0
69	JUN	FY80	34	121	69	24052	14825	0	0	0	0	355	130	39685	14425	47076	39685	14425 0
70	JUL	FY80	0	322	70	22052	12032	0	0	0	0	377	130	34461	12032	37196	34461	12032 0
71	AUG	FY80	12	194	71	28443	11970	0	0	0	0	308	128	40721	11970	40920	40721	11970 0
72	SEP	FY80	194	38	72	21727	16911	0	0	0	0	269	127	38967	16911	46301	38967	16911 0
73	OCT	FY81	611	1	73	24650	38275	0	0	0	117	394	128	63436	38192	63025	63436	38192 0
74	NOV	FY81	845	0	74	24685	54264	0	0	0	245	301	128	79495	54109	79956	79495	54109 0
75	DEC	FY81	1396	0	75	24789	55767	0	0	0	12539	363	127	93458	68306	94137	93458	68306 0
76	JAN	FY81	1453	0	76	24673	53061	0	0	0	13329	395	125	92758	67190	105743	92758	67190 0
77	FEB	FY81	1160	0	77	23293	39514	0	0	0	25048	362	124	88217	64562	87223	88217	64562 0
78	MAR	FY81	838	0	78	22678	51070	0	0	0	204	280	125	74212	51274	83093	74212	51274 0
79	APR	FY81	472	0	79	23780	45636	0	0	0	192	375	126	69983	45828	70143	69983	45828 0
80	MAY	FY81	249	10	80	22806	28252	0	0	0	0	258	129	51316	28252	38927	51316	28252 0
81	JUN	FY81	28	96	81	23606	9513	0	0	0	0	280	128	33199	9513	39685	33199	9513 0
82	JUL	FY81	11	200	82	23792	5501	0	0	0	10128	343	127	39764	15629	34461	39764	15629 0
83	AUG	FY81	11	151	83	25265	11889	0	0	0	0	253	129	37407	11889	40721	37407	11889 0
84	SEP	FY81	172	28	84	28014	15467	0	0	0	0	390	128	43871	15467	38907	43871	15467 0
85	OCT	FY82	564	0	85	31065	36112	0	0	0	250	392	127	67819	36362	63436	67819	36362 0
86	NOV	FY82	803	0	86	23455	53055	0	0	0	128	365	128	77004	53183	79495	77004	53183 0
87	DEC	FY82	1466	0	87	25497	60770	0	0	0	175	382	128	86824	60945	93458	86824	60945 0
88	JAN	FY82	1945	0	88	33884	37684	0	0	0	38723	590	128	110881	76407	92258	110881	76407 0
89	FEB	FY82	1374	0	89	24140	40652	0	0	0	27992	424	127	93208	68644	88217	93208	68644 0
90	MAR	FY82	1111	0	90	25972	56268	0	0	0	0	421	125	82661	56268	74212	82661	56268 0
91	APR	FY82	629	0	91	27248	48322	0	0	0	0	606	125	76176	48322	69983	76176	48322 0
92	MAY	FY82	117	46	92	27040	17732	0	0	0	0	296	127	45068	17732	51316	45068	17732 0
93	JUN	FY82	71	40	93	25450	14578	0	0	0	23	334	134	40385	14601	33399	40385	14601 0
94	JUL	FY82	0	338	94	28896	12870	0	0	0	0	261	132	42027	12870	39764	42027	12870 0
95	AUG	FY82	14	232	95	28455	13205	0	0	0	0	266	130	41926	13205	37407	41926	13205 0
96	SEP	FY82	168	53	96	27886	15875	0	0	0	210	243	127	44214	16085	43871	44214	16085 0

PROCESS ENERGY ANALYSIS VOLUNTEER AAP

QBS	MONTH	FYEAR	HRD	CDP	TIME	EEC	NATGAS	COAL	PIG	HW	FSX	MNGAS	UPPERC	MDTU	HICMDTU	MDTUVR
1	OCT	FY75	250	8	1	45020	128498	0	3082	0	5044	1680	741	183324	136624	
2	NOV	FY75	517	2	2	56515	126806	0	0	0	47608	2000	746	232929	174414	
3	DEC	FY75	746	0	3	60297	53458	0	0	0	110425	1785	636	225965	163883	
4	JAN	FY75	686	0	4	48917	75618	0	0	0	52367	1853	630	129755	127985	
5	FEB	FY75	581	0	5	29220	60670	0	0	0	34041	1365	516	131296	100711	
6	MAR	FY75	593	0	6	41018	120013	0	0	0	20254	1255	481	182540	140267	
7	APR	FY75	290	29	7	44184	155266	0	0	0	12978	1349	479	213777	168244	
8	MAY	FY75	14	115	8	40240	108372	0	0	0	221	1465	470	150298	108593	
9	JUN	FY75	0	238	9	25752	41414	0	0	0	0	478	470	67644	41414	
10	JUL	FY75	0	411	10	21994	32061	0	0	0	0	387	468	54442	32061	
11	AUG	FY75	0	382	11	19442	30154	0	0	0	52	614	470	50262	30206	
12	SEP	FY75	53	162	12	18340	49954	0	115	0	105	877	473	69391	50174	
13	OCT	FY76	152	27	13	26680	80722	0	164	0	1928	1696	482	111190	82814	181324
14	NOV	FY76	474	1	14	37491	79106	0	178	0	29830	1234	472	147839	109114	232929
15	DEC	FY76	785	0	15	43581	62029	0	4068	0	86513	1318	471	197509	152610	225965
16	JAN	FY76	934	0	16	46354	73032	0	14095	0	97231	1580	480	212292	184358	178755
17	FEB	FY76	470	0	17	39173	80204	0	3879	0	51895	1402	486	176553	135978	131296
18	MAR	FY76	340	1	18	43187	131972	0	2367	0	13770	1255	481	192551	148109	182540
19	APR	FY76	180	19	19	45263	116697	0	57	0	175	1139	492	163131	116929	213777
20	MAY	FY76	87	49	20	53279	91635	0	0	0	250	1192	480	146356	91885	150298
21	JUN	FY76	2	241	21	42073	93309	0	0	0	140	1318	498	136840	93449	67644
22	JUL	FY76	0	342	22	46504	134424	0	0	0	280	1186	493	182394	134704	54442
23	AUG	FY76	11	142	23	41458	118117	0	0	0	350	1218	498	161743	119067	50262
24	SEP	FY76	0	363	24	54740	79002	0	0	0	216	1181	500	135139	79218	69391
25	OCT	FY77	269	8	25	59879	103831	0	0	0	33849	1381	500	198942	137682	111190
26	NOV	FY77	661	0	26	44892	53254	0	9885	0	94214	1202	494	203447	157353	147839
27	DEC	FY77	851	0	27	43871	77700	0	15313	0	85499	1522	501	223905	173512	197509
28	JAN	FY77	1123	0	28	39637	20173	0	16216	0	93072	1306	515	170464	129461	232292
29	FEB	FY77	679	0	29	37074	6645	0	17539	0	85086	1470	524	147814	109270	176553
30	MAR	FY77	353	9	30	26065	3636	0	0	0	63795	1192	514	94688	67431	192551
31	APR	FY77	111	60	31	15103	31635	0	0	0	23428	830	516	70996	55063	163331
32	MAY	FY77	17	194	32	14570	30284	0	0	0	315	908	514	46077	30599	146356
33	JUN	FY77	0	384	33	14245	29169	0	0	0	280	814	517	44508	29449	136840
34	JUL	FY77	0	578	34	11159	21722	0	0	0	140	704	521	33725	21862	182394
35	AUG	FY77	0	532	35	9918	19950	0	0	0	338	766	524	30972	20288	161743
36	SEP	FY77	5	320	36	8700	13654	0	0	0	280	614	521	23248	13934	135139
37	OCT	FY78	233	15	37	8700	23294	0	0	0	82	599	528	32675	23376	198942
38	NOV	FY78	359	3	38	9013	13960	0	0	0	8324	536	521	31833	22284	203447
39	DEC	FY78	753	0	39	11090	0	0	0	0	0	756	197	11846	0	223905
40	JAN	FY78	1072	0	40	13131	0	0	0	0	41	620	192	13792	41	170484
41	FEB	FY78	821	0	41	9721	0	0	0	0	0	677	192	10398	0	147814
42	MAR	FY78	467	0	42	5510	0	0	0	0	722	730	199	6962	722	94688
43	APR	FY78	114	48	43	3782	0	0	0	0	0	462	209	4244	0	70996
44	MAY	FY78	60	164	44	3851	0	0	0	0	0	562	205	4413	0	46077
45	JUN	FY78	0	350	45	3851	0	0	0	0	122	656	210	4629	122	44508
46	JUL	FY78	0	507	46	4802	0	0	0	0	93	462	210	5357	93	33725
47	AUG	FY78	0	432	47	4698	0	0	0	0	122	578	210	5398	122	30972
48	SEP	FY78	0	325	48	4362	0	0	0	0	93	430	212	4885	93	23248
49	OCT	FY79	192	14	49	6160	0	0	0	0	1165	478	215	7803	1165	32675
50	NOV	FY79	299	2	50	6670	0	0	0	0	29	452	214	7151	29	31813
51	DEC	FY79	637	5	51	8352	0	0	0	0	151	662	215	9165	151	11846
52	JAN	FY79	962	0	52	10382	0	0	0	0	181	761	215	11324	181	13792
53	FEB	FY79	725	0	53	9060	0	0	0	0	612	688	212	10360	612	10398
54	MAR	FY79	390	0	54	7331	0	0	0	0	0	656	211	7987	0	6962
55	APR	FY79	152	12	55	5290	0	0	0	0	111	651	211	6052	111	4244
56	MAY	FY79	42	119	56	4408	0	0	0	0	0	383	212	4791	0	4413

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PROCESS ENERGY ANALYSIS VOLUNTEER AAP

ORS	MONTH	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MDCAS	LBRI RC	MRTU	HTCMRTU	MBTU/YR
57	JUN	FY79	0	279	57	4605	0	0	0	0	0	840	211	5445	0	4629
58	JUL	FY79	0	361	58	4072	0	0	0	0	0	514	209	4586	0	5357
59	AUG	FY79	0	410	59	4478	0	0	0	0	0	499	207	4977	0	5398
60	SEP	FY79	0	227	60	3898	0	0	0	0	0	478	204	4376	0	4885
61	OCT	FY80	167	24	61	5069	0	0	0	0	76	415	203	5560	76	7803
62	NOV	FY80	438	0	62	6264	0	0	0	0	507	7443	203	7443	507	7151
63	DEC	FY80	728	0	63	6218	0	0	0	0	0	452	203	6670	0	9165
64	JAN	FY80	745	0	64	7111	0	0	0	0	0	415	203	7526	0	11324
65	FEB	FY80	813	0	65	7111	0	0	0	0	82	572	202	7765	82	10360
66	MAR	FY80	526	0	66	7018	0	0	0	0	0	483	202	7501	0	7987
67	APR	FY80	215	8	67	5046	0	0	0	0	116	415	189	5577	116	6052
68	MAY	FY80	38	111	68	3828	0	0	0	0	105	845	187	4778	105	4791
69	JUN	FY80	0	272	69	3921	0	0	0	0	116	420	187	4457	116	5445
70	JUL	FY80	0	562	70	4605	0	0	0	0	70	394	186	5069	70	4586
71	AUG	FY80	0	540	71	4628	0	0	0	0	93	520	184	5241	93	4977
72	SEP	FY80	24	300	72	3990	0	0	0	0	140	410	184	4540	140	4376
73	OCT	FY81	246	10	73	5533	0	0	0	0	0	675	184	6208	0	5560
74	NOV	FY81	450	1	74	6067	0	0	0	0	0	481	184	6548	0	7443
75	DEC	FY81	736	0	75	6937	0	0	0	0	0	534	184	7471	0	7501
76	JAN	FY81	907	0	76	8549	0	0	0	0	0	477	182	9026	0	7501
77	FEB	FY81	600	0	77	7262	0	0	0	0	0	621	170	7883	0	7765
78	MAR	FY81	515	0	78	5916	0	0	0	0	0	516	162	6432	0	7501
79	APR	FY81	70	68	79	4292	0	0	0	0	0	465	150	4757	0	5577
80	MAY	FY81	81	77	80	4048	0	0	0	0	0	478	155	4526	0	4778
81	JUN	FY81	0	400	81	4164	0	0	0	0	0	482	154	4646	0	4457
82	JUL	FY81	0	513	82	4478	0	0	20	0	0	515	152	5013	20	5069
83	AUG	FY81	0	385	83	4269	0	0	18	0	0	490	151	4777	18	5241
84	SEP	FY81	31	178	84	3805	0	0	18	0	0	434	148	4257	18	4540
85	OCT	FY82	211	21	85	3851	0	0	22	0	0	469	152	4142	22	6208
86	NOV	FY82	422	2	86	4675	0	0	23	0	0	422	152	5120	23	6548
87	DEC	FY82	823	0	87	6090	0	0	14	0	0	311	152	6415	14	7471
88	JAN	FY82	890	0	88	8085	0	0	33	0	0	420	153	8538	33	9026
89	FEB	FY82	597	0	89	6879	0	0	17	0	0	430	152	7326	17	7883
90	MAR	FY82	371	19	90	5835	0	0	18	0	0	491	152	6144	18	6432
91	APR	FY82	275	9	91	5243	0	0	30	0	0	410	149	5683	30	4757
92	MAY	FY82	13	184	92	3654	0	0	18	0	0	476	150	4148	18	4526
93	JUN	FY82	0	283	93	3874	0	0	20	0	0	508	151	4407	20	4646
94	JUL	FY82	0	460	94	3747	0	0	19	0	0	501	151	4267	19	5013
95	AUG	FY82	0	368	95	3828	0	0	20	0	0	479	150	4327	20	4777
96	SEP	FY82	29	187	96	3608	0	0	23	0	0	476	149	4057	23	4257

[illegible]

PROCESS FINGERPRINT ANALYSIS WATERVLIET ARSENAL

OBS	MONTH	FYEAR	MOD	CDD	TIME	FLEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LURERC	NUM1	WT1	NUM2
51	JAN	FY79	1119	0	51	41453	516	0	0	0	46169	863	747			
52	JAN	FY79	1324	0	52	41713	603	0	0	0	69500	772	745			
53	FEB	FY79	1414	0	53	43462	490	0	0	0	66798	1012	744			
54	MAR	FY79	803	0	54	40608	498	0	0	0	66141	1018	744			
55	APR	FY79	579	0	55	41116	471	0	0	0	39427	625	750			
56	MAY	FY79	188	39	56	37515	406	0	0	0	12962	753	751			
57	JUN	FY79	63	99	57	40138	394	0	0	0	11569	839	751			
58	JUL	FY79	19	258	58	39751	386	0	0	0	10132	392	743			
59	AUG	FY79	37	168	59	30102	279	0	0	0	11476	887	744			
60	SEP	FY79	163	55	60	42270	624	0	0	0	14347	678	744			
61	OCT	FY80	468	17	61	35907	445	0	0	0	27692	690	726			
62	NOV	FY80	619	0	62	41824	464	0	0	0	43892	862	726			
63	DEC	FY80	1036	0	63	36887	447	0	0	0	41658	640	726			
64	JAN	FY80	1259	0	64	38913	393	0	0	0	60393	727	723			
65	FEB	FY80	1303	0	65	42288	511	0	0	0	51201	675	723			
66	MAR	FY80	503	0	66	36703	460	0	0	0	45129	444	722			
67	APR	FY80	190	28	67	35839	491	0	0	0	27095	750	732			
68	MAY	FY80	106	63	68	36215	464	0	0	0	18364	612	733	11	7315	109
69	JUN	FY80	7	230	69	40870	549	0	0	0	12808	785	733	8	5320	129
70	JUL	FY80	7	189	70	36932	436	0	0	0	10502	480	727	7	4655	118
71	AUG	FY80	140	73	71	30481	320	0	0	0	9923	608	727	10	6650	132
72	SEP	FY80	539	0	72	38088	459	0	0	0	10351	560	728	5	3325	156
73	OCT	FY81	900	0	73	35554	459	0	0	0	33254	597	707	5	3325	161
74	NOV	FY81	1393	0	74	35380	1258	0	0	0	42831	496	707	4	2660	110
75	DEC	FY81	1575	0	75	40832	2992	0	0	0	61413	536	707	1	665	164
76	JAN	FY81	1575	0	76	39881	3483	0	0	0	82301	576	735	14	9060	166
51							136971		186748	89001	46685	103457				323719
52							144087		197883	112588	70103	97652				341970
53							144087		197883	111762	67288	92203				341970
54							144087		197883	108265	66639	117868				341970
55							157352		186424	81639	39898	75996				343776
56							157352		186424	51636	13368	62147				343776
57							157352		186424	52940	11963	46492				343776
58							133518		164450	50661	10518	48174				297968
59							133518		164450	42744	11755	37089				297968
60							133518		164450	57919	14971	46125				297968
61							131678		169312	61734	28137	75664				300990
62							131678		169312	87042	44356	97297				300990
63							175998		153569	79632	42105	89001				300990
64							175998		153569	100426	60786	112588				329567
65							175998		153569	82736	45589	108265				329567
66							167110		170979	64175	27586	81639				338089
67	731850		33	107540	57	111464	167110		170979	55655	18828	51636		210	958169	
68	804550		82	104998	61	116400	167110		170979	55012	13357	52940		280	1031268	
69	5966070		101	71285	23	41060	194145		146458	48350	10938	50661		249	713070	
70	755095		89	6993	19	58992	194145		146458	41732	10243	42744		250	827710	
71	906750		77	10636	34	76943	194145		146458	49473	10845	57919		272	997654	
72	1020525		25	775	68	162493	146555		154628	69864	33713	64714		259	1187118	
73	704490		28	790	71	173075	146555		154628	79965	44089	87042		213	881015	
74	917960		70	25	40	192895	146555		154628	105773	64405	79632		210	1131545	
75	570700		5	7170	35	152895	165304		160048	126241	85784	100426		285	739825	
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FEBRUARY 28, 1984

15 25 THURSDAY

PROCESS ENERGY ANALYSIS WATERVLIET ARSENAL

OBS	MONTH	FYEAR	HDD	CDD	TIME	FLEC	NATGAS	CHMI	PPG	FW	FSX	MOGAS	MBTU/YR	UNITS	TOTWT	TOTHS
777	FEB	FY81	885	0	77	43767	3786	0	0	0	42302	498	735	12	7825	167
778	MAR	FY81	930	0	78	37294	2138	0	0	0	46724	576	736	12	7825	186
779	APR	FY81	502	2	79	38373	1777	0	0	0	29519	416	735	21	14485	177
780	MAY	FY81	235	53	80	38906	2968	0	0	0	14884	441	736	40	13845	228
781	JUN	FY81	30	87	81	38419	2527	0	0	0	7035	485	736	37	7975	305
782	JUL	FY81	8	149	82	35682	1801	0	0	0	3840	464	721	11	10855	260
783	AUG	FY81	22	137	83	32515	907	0	0	0	7258	490	721	52	21991	377
784	SEP	FY81	204	25	84	39463	3097	0	0	0	8150	646	774	65	25665	377
785	OCT	FY82	622	0	85	36331	2936	0	0	0	27425	498	719	51	25655	361
786	NOV	FY82	816	0	86	36807	1779	0	0	0	36532	453	719	54	27875	355
787	DEC	FY82	1209	0	87	38419	2673	0	0	0	50866	547	719	33	23385	356
788	JAN	FY82	1564	0	88	41041	2011	0	0	0	67058	589	739	13	8585	353
789	FEB	FY82	1160	0	89	39173	1919	0	0	0	47737	563	719	13	8560	356
790	MAR	FY82	992	0	90	39254	2852	0	0	0	50755	552	739	32	22320	149
791	APR	FY82	617	0	91	39742	2630	0	0	0	36971	534	736	40	28560	153
792	MAY	FY82	182	19	92	40113	2585	0	0	0	12101	472	737			
793	JUN	FY82	87	31	93	42398	2663	0	0	0	8079	478	737			
794	JUL	FY82	20	184	94	41157	1987	0	0	0	4760	423	731	40	28500	98
795	AUG	FY82	65	88	95	38640	1911	0	0	0	5730	445	731	23	14720	106
796	SEP	FY82	156	29	96	42688	2565	0	0	0	9329	483	737	25	16000	189
OBS	WT2	NUM3	WT3	NUM4	WT4	DIRIR	INDIR	MBTU	HTGMBTU	MBTU/YR	UNITS	TOTWT	TOTHS			
777	604319	50	1550	36	155480	166364	160048	90353	46088	94695	265	769174	326412			
778	570460	57	1585	36	155480	166364	160048	86732	48862	82736	291	735350	326412			
779	587679	0	0	36	155480	167837	169534	70085	31296	64175	234	757644	337371			
780	604720	3	93	36	155480	167837	169534	57199	17852	55655	307	774138	337371			
781	656540	15	465	36	155480	167837	169534	48466	9562	55012	393	820460	337371			
782	462565	54	1674	24	118069	148724	147936	41787	5641	48350	369	593163	296660			
783	560640	54	1674	34	140445	148724	147936	41170	8165	41332	517	724750	296660			
784	609770	134	4223	40	215145	148724	147936	51756	11247	49433	587	854703	296660			
785	668270	239	9401	42	222058	158518	150764	67190	30361	59864	693	925384	309282			
786	642290	243	9800	44	227228	158518	150764	75571	38311	79965	696	907193	309282			
787	640540	87	7300	60	249058	158518	150764	92505	53539	105773	536	920283	309282			
788	505790	80	6600	60	366176	168446	161501	110699	69069	126241	506	888151	329947			
789	637040	280	12800	37	217575	168446	161501	89392	49656	90353	686	871975	329947			
790	577660	295	27800	55	218859	168446	161501	93413	53607	86732	531	846639	329947			
791	597060	295	27800	54	287395	176424	164047	79877	39601	70085	542	940815	340471			
792						176424	164047	55271	14686	57199			340471			
793		142	6460	15	48931	176424	164047	53618	10742	48466			340471			
794	495900	80	6600	23	152620	167255	164071	48327	6747	41787	295	579791	331326			
795	441280	80	6600	23	152620	167255	164071	46726	7641	41170	232	615220	331326			
796	569860	80	6600	29	119420	167255	164071	55065	11894	51156	323	705880	331326			

AMCCOM Quarterly Data

OBS QTR FYEAR HDD CDD TIME ELEC NATGAS COAL PPG MW FSX MOCAS LBRRC QTIME MBTU HIGMRU MBTU

1	1ST	FY75	2449	0	101	70185	0	0	404	0	385775	7277	1028	67	1	463641	386179	463641	386179
2	2ND	FY75	3986	0	102	68254	0	0	256	0	501236	7680	972	33	2	577426	501492	577426	501492
3	3RD	FY75	920	262	103	43375	0	0	61	0	205375	5734	638	00	3	254545	205436	254545	205436
4	4TH	FY75	258	537	104	16032	0	0	28	0	8662	2347	313	00	4	27069	8690	27069	8690
5	1ST	FY76	2389	15	105	21344	0	0	31	0	70070	2273	291	67	5	93718	70101	463641	93718
6	2ND	FY76	3603	0	106	19580	0	0	10	0	122908	2359	247	33	6	148857	122918	577426	148857
7	3RD	FY76	725	179	107	12087	0	0	55	0	29044	2127	229	33	7	43313	29099	254545	43313
8	4TH	FY76	193	592	108	20439	0	0	15	0	64867	1933	267	33	8	87254	64882	27069	87254
9	1ST	FY77	3341	10	109	19256	0	0	16	0	99147	2952	234	33	9	121371	99163	93718	121371
10	2ND	FY77	3893	0	110	13212	0	0	12	0	75970	2096	205	67	10	91290	75982	148857	91290
11	3RD	FY77	446	318	111	7981	0	0	18	0	10012	1939	242	00	11	19950	10010	43313	19950
12	4TH	FY77	163	458	112	8074	0	0	35	0	2045	2733	303	67	12	12887	2080	87254	12887
13	1ST	FY78	2907	0	113	14291	0	0	46	0	35026	3153	288	67	13	52516	35072	121371	52516
14	2ND	FY78	4425	0	114	21994	0	0	56	0	49839	2293	221	67	14	74182	49895	91290	74182
15	3RD	FY78	810	177	115	12018	0	0	9	0	23981	1885	238	67	15	37893	23990	19950	37893
16	4TH	FY78	84	642	116	9651	0	0	13	0	7473	2488	237	67	16	19625	7486	12887	19625
17	1ST	FY79	2686	1	117	27144	0	0	26	0	89909	2291	176	67	17	119370	89935	52516	119370
18	2ND	FY79	4286	0	118	22690	0	0	45	0	61552	2110	168	00	18	86397	61597	74182	86397
19	3RD	FY79	837	134	119	16890	0	0	18	0	28280	2011	216	00	19	47199	28298	37893	47199
20	4TH	FY79	154	447	120	17771	0	0	6	0	26574	1996	223	00	20	46347	26580	19625	46347
21	1ST	FY80	2562	3	121	28165	0	0	27	0	55051	1914	156	33	21	85157	55078	119370	85157
22	2ND	FY80	3881	0	122	21483	0	0	17	0	47411	1595	174	67	22	70506	47428	86397	74883
23	3RD	FY80	650	296	123	13874	0	0	64	0	9896	2110	264	00	23	25944	9960	47199	26577
24	4TH	FY80	115	788	124	14198	0	0	46	0	21331	2429	259	67	24	38004	21377	46347	38134
25	1ST	FY81	2818	0	125	23386	0	0	29	0	59505	3046	207	67	25	85966	59534	85157	89144
26	2ND	FY81	3749	0	126	16658	0	0	38	0	37401	2378	201	67	26	56475	37439	70506	60252
27	3RD	FY81	633	158	127	21902	0	0	94	0	50595	3109	349	67	27	75700	50689	25944	76414
28	4TH	FY81	169	525	128	19210	0	0	21	0	52750	2648	359	00	28	74629	52771	38004	74820
29	1ST	FY82	2739	0	129	20695	0	0	15	0	31441	3120	257	00	29	55271	31456	85966	58360
30	2ND	FY82	4211	0	130	17632	0	0	15	0	36557	2098	212	00	30	56302	36572	56475	61051
31	3RD	FY82	808	92	131	14105	0	0	28	0	7309	3137	400	33	31	24579	7337	75700	25490
32	4TH	FY82	218	564	132	10440	0	0	36	0	584	3527	433	33	32	14587	670	74629	14833

QTR	FYEAR	HND	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	LBRFC	MRTU	HTGMRTU	MRTU	QTIME	MRTUADJ	HFGADJ			
1	1ST	FY75	2337	6	101	4245	10439	0	0	0	0	0	89	3333	14684	10439	1	14684	0	10439	0
2	2ND	FY75	3575	0	102	4803	12145	0	0	0	0	0	87	6667	16948	12145	2	16948	0	12145	0
3	3RD	FY75	682	209	103	3201	0	0	0	0	0	0	85	0000	3201	0	3	3201	0	0	0
4	4TH	FY75	178	823	104	3063	501	0	0	0	0	0	81	6667	3564	501	4	3564	0	501	0
5	1ST	FY76	2332	28	105	3828	7217	0	0	2993	992	77	3333	15030	10210	10210	5	15030	0	10210	0
6	2ND	FY76	2850	0	106	4036	7560	0	0	4764	1014	71	0000	17374	12324	12324	6	17374	0	12324	0
7	3RD	FY76	563	234	107	2784	2106	0	0	221	1023	77	6667	6134	2327	2327	7	6134	0	2327	0
8	4TH	FY76	95	842	108	3063	501	0	0	221	1109	76	3333	4894	722	722	8	4894	0	722	0
9	1ST	FY77	2634	12	109	3817	5816	0	0	4107	966	65	3333	14706	9923	9923	9	14706	0	9923	0
10	2ND	FY77	3051	0	110	3642	5334	0	0	6652	719	64	0000	16347	11966	11966	10	16347	0	11966	0
11	3RD	FY77	295	377	111	2274	751	0	0	1486	866	73	0000	5377	2237	2237	11	5377	0	2237	0
12	4TH	FY77	48	728	112	2343	102	0	0	181	1072	70	0000	3698	283	283	12	3698	0	283	0
13	1ST	FY78	2333	0	113	3271	7603	0	0	990	835	64	0000	12699	8593	8593	13	12699	0	8593	0
14	2ND	FY78	3941	5	114	3770	13131	0	0	1882	862	60	6667	19645	15013	15013	14	19645	0	15013	0
15	3RD	FY78	639	345	115	2377	1865	0	0	280	893	66	3333	5415	2145	2145	15	5415	0	2145	0
16	4TH	FY78	67	807	116	2216	188	0	0	0	1013	70	3333	3417	188	188	16	3417	0	188	0
17	1ST	FY79	2724	2	117	3075	6653	0	0	1118	1019	64	3333	11865	7771	7771	17	11865	0	7771	0
18	2ND	FY79	4074	0	118	3712	17062	0	0	1754	1034	61	6667	23562	18816	18816	18	23562	0	18816	0
19	3RD	FY79	788	247	119	2053	3232	0	0	827	908	74	6667	7020	4059	4059	19	7020	0	4059	0
20	4TH	FY79	68	729	120	1763	327	0	0	227	1061	74	6667	3378	554	554	20	3378	0	554	0
21	1ST	FY80	2259	2	121	2030	6109	0	0	588	934	66	6667	9661	6697	6697	21	9661	0	6697	0
22	2ND	FY80	3477	0	122	2401	11822	0	0	1025	825	66	6667	16073	12847	12847	22	16073	0	12847	0
23	3RD	FY80	607	337	123	1635	-2167	0	0	792	688	81	3333	5282	2959	2959	23	5282	0	2959	0
24	4TH	FY80	73	1003	124	1624	35	0	0	343	871	86	6667	2873	378	378	24	2873	0	378	0
25	1ST	FY81	2198	9	125	1670	4741	0	0	489	828	67	6667	7728	5230	5230	25	7728	0	5230	0
26	2ND	FY81	2763	0	126	1902	1181	0	0	803	633	65	6667	14519	11984	11984	26	14519	0	11984	0
27	3RD	FY81	483	299	127	1404	2228	0	0	705	823	83	0000	5160	2933	2933	27	5160	0	2933	0
28	4TH	FY81	89	649	128	2761	81	0	0	0	965	81	0000	3807	81	81	28	3807	0	81	0
29	1ST	FY82	2397	0	129	2018	4693	0	0	844	844	70	3333	8399	5537	5537	29	8399	0	5537	0
30	2ND	FY82	3685	0	130	2053	12380	0	0	1223	888	68	6667	16544	13603	13603	30	17158	3	14217	3
31	3RD	FY82	746	115	131	1497	2294	0	0	64	1032	79	3333	4887	2358	2358	31	5011	4	2482	4
32	4TH	FY82	151	704	132	1414	0	0	0	682	1030	89	0000	3126	682	682	32	3151	2	707	2

OBS	QTR	FYEAR	IDD	CDD	TIME	ELFC	NATGAS	COAL	PPG	HW	FSX	MOCAS	LBR	RC	NUM1	NUM2	NUM3	NUM4	MRTU	HTG	MBTU	MBTU/VR	QTIME	UNITS
1	1ST	FY75	1709	0	101	45762	0	0	1502	0	568176	30519	1140										1	
2	2ND	FY75	2080	0	102	45750	0	0	3038	0	768978	32857	1080										2	
3	3RD	FY75	721	235	103	38617	0	0	1229	0	369200	29888	960										3	
4	4TH	FY75	1	808	104	38501	0	0	382	0	116040	31423	871										4	
5	1ST	FY76	1672	5	105								842										5	
6	2ND	FY76	2051	0	106								813										6	
7	3RD	FY76	500	214	107								785										7	
8	4TH	FY76	30	610	108								766										8	
9	1ST	FY77	1457	3	109								747										9	
10	2ND	FY77	2035	0	110								728										10	
11	3RD	FY77	551	304	111								710										11	
12	4TH	FY77	64	871	112																		12	
13	1ST	FY78	1328	1	113	33895	0	0	8343	0	83635	12522	712	1062	0	0	0	0	138395		91978		13	1066
14	2ND	FY78	1882	0	114	37375	0	0	14225	0	102787	11804	715		0	2051	0	0	166191		117012		14	2051
15	3RD	FY78	571	192	115	31390	0	0	11357	0	38148	18120	717	79	3851	6	0	0	99015		49505		15	3936
16	4TH	FY78	94	726	116	31668	0	0	2702	0	20691	10375	720	4	1741	22	5	5	65436		23393		16	1772
17	1ST	FY79	1724	25	117	35531	0	0	10449	0	88377	12011	715	1	532	3	303	146368		98876		138395	17	839
18	2ND	FY79	2176	0	118	41238	0	0	15295	0	121171	11900	710	15	2084	0	33	189604		136466		156191	18	2132
19	3RD	FY79	406	257	119	32677	0	0	3980	0	41282	10863	705		0	0	100	88802		45262		99015	19	100
20	4TH	FY79	6	780	120	32828	0	0	1941	0	9565	9255	700	1	0	0	0	53589		11506		65436	20	1
21	1ST	FY80	1671	17	121	13027	0	0	4404	0	57901	9468	600	1	0	0	14	84800		62305		146368	21	15
22	2ND	FY80	2072	0	122	36157	0	0	14438	0	66225	9258	600	0	0	0	0	126078		80663		189604	22	0
23	3RD	FY80	632	128	123	29418	0	0	6543	0	25652	6062	600	0	0	0	0	67675		32195		88802	23	0
24	4TH	FY80	27	737	124	27886	0	0	2080	0	4898	6200	600	195	0	0	0	41064		6978		53589	24	195
25	1ST	FY81	1549	42	125	35403	0	0	8035	0	51039	9196	612	0	0	0	0	101673		59074		84800	25	0
26	2ND	FY81	1924	0	126	35995	0	0	13809	0	94918	8483	625	0	0	0	0	153205		108727		126078	26	0
27	3RD	FY81	343	396	127	31726	0	0	3770	0	30587	9999	665	0	0	0	1016	76082		34357		67675	27	1016
28	4TH	FY81	8	939	128	30577	0	0	1507	0	1241	9837	695	2	55	0	0	43162		2748		41064	28	57
29	1ST	FY82	1587	0	129	33188	0	0	9501	0	70517	9856	578	0	315	0	0	123062		80018		103673	29	315
30	2ND	FY82	2263	0	130	37538	0	0	19141	0	100720	9676	638	208	3702	0	0	167075		119861		153205	30	3910
31	3RD	FY82	522	169	131	31621	0	0	3082	0	31169	12282	683	1	938	1	0	78154		34251		76082	31	940
32	4TH	FY82	112	736	132	32016	0	0	633	0	3912	7461	728	7	0	5	0	44042		4565		43162	32	12

PROCESS ENERGY ANALYSIS - INDUCTION ACP

ORS	QIR	FYEAR	HDU	CDD	TIME	ELEC	NATGAS	COAL	PPG	IN	FSX	MONGAS	LBTRC
1	1ST	FY75	1638	6	101	274224	31220	1914100	759	0	228179	7819	1831 67
2	2ND	FY75	1952	0	102	242765	4245	1931512	492	0	5140	7632	1681 31
3	3RD	FY75	358	303	103	197107	1193	1451529	48	0	1311	6539	1483 67
4	4TH	FY75	46	799	104	216038	540	1320557	0	0	1515	6498	1484 67
5	1ST	FY76	1407	7	105	220483	3981	1414348	0	0	4438	6899	1433 33
6	2ND	FY76	1881	2	106	211862	4005	1159312	36	0	2552	6702	1228 00
7	3RD	FY76	440	223	107	155962	1437	904064	0	0	1765	6807	1212 33
8	4TH	FY76	46	528	108	166762	510	855916	0	0	1047	5911	1210 67
9	1ST	FY77	2158	0	109	160637	5237	1024989	871	0	2429	6754	1173 00
10	2ND	FY77	2625	1	110	179568	3120	1023880	974	0	3082	6670	1145 67
11	3RD	FY77	266	360	111	151296	754	788098	114	0	2587	5488	1092 00
12	4TH	FY77	19	846	112	155147	456	785927	29	0	2120	5903	1071 31
13	1ST	FY78	1727	10	113	159245	349	982830	0	0	2182	5644	1080 67
14	2ND	FY78	2832	0	114	158966	455	1008640	74	0	3190	6824	1124 00
15	3RD	FY78	420	263	115	147830	359	828253	0	0	542	6116	1105 67
16	4TH	FY78	0	825	116	155347	421	777363	0	0	431	3729	1093 67
17	1ST	FY79	1465	4	117	157851	621	834472	0	0	944	6022	1076 67
18	2ND	FY79	2496	0	118	156739	913	979585	0	0	1421	6578	1069 33
19	3RD	FY79	382	173	119	149779	187	763637	0	0	286	5598	1066 33
20	4TH	FY79	29	538	120	148666	151	696575	0	0	122	5670	1061 00
21	1ST	FY80	1610	9	121	146438	289	766012	0	0	874	5594	1052 00
22	2ND	FY80	2492	0	122	148666	545	845711	0	0	1129	5908	1048 00
23	3RD	FY80	365	246	123	133910	278	696519	0	0	279	5195	1049 67
24	4TH	FY80	31	951	124	142541	330	723706	0	0	47	5096	1047 67
25	1ST	FY81	1805	5	125	157575	269	812269	0	0	950	5464	1038 00
26	2ND	FY81	2537	0	126	156461	344	810107	9	0	1182	5205	1026 00

ORS	WT1	WT2	WT3	WT4	QTIME	MRTU	HTGMRTU	MRTU1YR	TOTWT	MRTUADJ	HTGADJ	ELECADJ
1	33828	694	567	2190	1	2456301	2174258	37279	37279	2456301	2174258	274224
2	24485	875	764	1079	2	2191986	1941589	27203	27203	2191986	1941589	242765
3	14960	693	812	4792	3	1657827	1454081	21257	21257	1657827	1454081	197107
4	14889	726	827	1592	4	1545248	1322712	18034	18034	1545248	1322712	216038
5	15265	433	769	9981	5	1650159	1422767	26448	26448	1650159	1422767	220493
6	9767	81	461	7897	6	1384469	1165905	18206	18206	1384469	1165905	211862
7	8107	59	314	1792	7	1070035	907265	1657827	10272	1070035	907265	155962
8	8404	22	330	2806	8	1010146	857473	1545248	11562	1010146	857473	166762
9	5956	151	327	3984	9	1200917	1033526	1650159	12933	1200917	1033526	160617
10	2275	59	326	2530	10	1217294	1031056	1384469	6434	1217294	1031056	179568
11	2288	72	989	0	11	954337	791553	1070035	7825	954337	791553	157296
12	3163	299	810	0	12	950182	789132	1070035	3269	950182	789132	155347
13	3372	360	779	0	13	1150450	985561	1200917	3349	1150450	985561	159245
14	3311	410	804	0	14	1178349	1012559	1217294	4272	1178349	1012559	158966
15	3470	459	690	0	15	983100	829154	954337	4389	983100	829154	147830
16	3322	360	779	0	16	939291	778215	950382	4511	939291	778215	155347
17	3311	410	804	0	17	939912	836037	1150450	4525	939912	836037	157853
18	3433	388	739	0	18	1145316	981919	1178349	4613	1145316	981919	156739
19	2891	388	739	0	19	919487	764110	983100	4018	919487	764110	149779
20	3421	447	752	0	20	851184	696848	939291	4620	851184	696848	148686
21	3365	132	579	0	21	919207	767175	999912	4076	919207	767175	146438
22	3470	299	261	0	22	1002159	847585	1145316	3990	1002159	847585	148666
23	3362	299	665	0	23	836182	697077	919487	4326	836182	697077	133910
24	3808	301	750	0	24	871720	724083	851184	4859	871720	724083	142541
25	3705	268	250	0	25	975527	813488	919207	4223	975527	813488	157575
26	3818	146	717	0	26	973508	811842	1002159	4681	973508	811842	156461

PROCESS ENERGY ANALYSIS - IRULSTON AAP

	F	Y	Q	T	R	A	N	L	M	B	Q	M	H	M	E										
D	Q	E	1	C	0	A	T	C																	
B	T	A	0	D	0	A	G	0																	
S	R	R	0	D	0	S	A	0																	
27	3RD	FY81	298	366	127	148526	206	664822	12	0	250	5159	1026.00	3429	33	818	0	27	818975	665290	4280	818975	665290	148526	
28	4TH	FY81	83	638	128	150429	306	670249	67	0	291	4969	1028.00	3946	118	795	0	28	826311	670913	871720	4859	826311	670913	150429
29	1ST	FY82	1858	1	129	158131	269	797995	108	0	1096	5419	1021.33	3918	140	758	0	29	963018	799468	976527	4816	963018	799468	158131
30	2ND	FY82	2194	0	130	158410	563	821556	245	0	1118	5567	1027.67	3869	348	786	0	30	987459	823482	973508	5003	987459	823482	158410
31	3RD	FY82	383	335	131	154640	188	749643	29	0	330	5074	1039.00	3887	784	815	0	31	909904	750190	818975	5486	915111	751671	158366
32	4TH	FY82	66	647	132	157018	399	718728	0	0	262	4797	1041.33	3881	553	764	0	32	881204	719369	826311	5198	888954	719943	164214

F	Y	H	D	R	A	D	H	D	D	E	C	S	L	G	W	X	F	S	H	A	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T	I	E	L	G	U	P	T</
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PROCESS ENERGY ANALYSIS - IOWA AAP

OBS	QTR	FYEAR	MBTU	ELEC	NATGAS	COAL	FSX	FS6	MOGAS	TIME	HDD	PRODHR	TOTHR	HTGMBTU	FER	NONFER	TOTSCR	QTIME
1	1ST	FY75	441328	4715	205779	122851	1274	6429	1936	101	2181	.	.	376470	.	.	.	1
2	2ND	FY75	506025	4725	174082	233829	1168	4538	1518	102	3302	.	.	443245	.	.	.	2
3	3RD	FY75	276563	4367	161542	30948	2704	1534	1528	103	620	.	.	217883	.	.	.	3
4	4TH	FY75	24461	6999	95264	0	8898	1227	1612	104	157	.	.	154809	.	.	.	4
5	1ST	FY76	455282	7078	0	25192	13140	5893	1451	105	1951	.	.	365582	.	.	.	5
6	2ND	FY76	519851	6941	0	386733	1530	8921	1448	106	2859	.	.	451732	.	.	.	6
7	3RD	FY76	286769	5568	0	148733	1110	9525	1352	107	581	.	.	215082	.	.	.	7
8	4TH	FY76	191621	5521	0	0	3841	15648	1300	108	105	.	.	120753	.	.	.	8
9	1ST	FY77	411226	4896	0	0	42822	15818	1278	109	2854	.	.	347721	.	.	.	9
10	2ND	FY77	522648	5213	0	0	37163	37896	1419	110	3366	.	.	454727	.	.	.	10
11	3RD	FY77	257223	4733	0	1108	687	30154	1454	111	328	79024	245168	194686	.	.	.	11
12	4TH	FY77	219007	5328	0	786	583	23121	1459	112	55	52373	177329	149544	.	.	.	12
13	1ST	FY78	447140	4906	0	30995	26866	31101	1373	113	2404	41962	160660	383031	.	.	.	13
14	2ND	FY78	538631	4675	0	0	34999	43437	1418	114	3953	34826	149157	476958	.	.	.	14
15	3RD	FY78	211228	3484	0	615	5281	21079	1317	115	608	32586	161731	163900	.	.	.	15
16	4TH	FY78	122506	3878	0	442	1273	9898	1416	116	58	41714	161477	70086	.	.	.	16
17	1ST	FY79	374123	4282	0	0	6463	44670	1136	117	2332	46850	166083	318487	.	.	.	17
18	2ND	FY79	531639	4771	0	0	12588	62920	1408	118	3923	53753	194996	468903	.	.	.	18
19	3RD	FY79	197560	4041	0	0	751	22177	1311	119	682	41849	173940	143801	.	.	.	19
20	4TH	FY79	130141	4214	58025	0	580	2093	1165	120	72	42351	158918	75145	.	.	.	20
21	1ST	FY80	388001	4282	297620	0	678	4909	1123	121	2125	45226	179449	332432	234.1	6.4	333.6	21
22	2ND	FY80	484434	4886	370475	0	906	7409	1033	122	3404	43511	175275	422333	192.5	15.3	484.6	22
23	3RD	FY80	210213	4165	133203	0	910	2917	963	123	602	39713	168138	156843	97.2	23.5	144.9	23
24	4TH	FY80	120247	4483	52774	0	642	1141	868	124	80	38424	155130	63687	188.0	8.7	213.3	24
25	1ST	FY81	359967	4455	264184	0	816	5557	841	125	2277	31847	131935	303874	119.6	16.1	148.7	25
26	2ND	FY81	427750	4454	318691	0	801	7653	879	126	2890	55578	182154	371471	61.7	34.7	119.0	26
27	3RD	FY81	156679	3802	89947	0	673	2287	825	127	481	51178	166238	108246	63.5	14.5	135.9	27
28	4TH	FY81	98396	3735	41525	0	629	992	694	128	89	42178	146540	51426	82.0	4.3	96.7	28
29	1ST	FY82	335213	4224	251348	0	730	4238	756	129	2225	40898	133689	282245	179.0	10.5	208.8	29
30	2ND	FY82	497827	4982	365094	0	983	10291	822	130	3608	44376	156229	435519	237.0	3.1	253.6	30
31	3RD	FY82	164858	3743	103571	0	551	1712	742	131	648	38232	146410	117544	85.6	22.2	138.2	31
32	4TH	FY82	97028	3868	40742	0	438	843	679	132	134	36240	135071	48593	175.6	4.3	201.0	32

QBS	QIR	FYEAR	IND	CD	TIME	ETC	NATGAS	COAL	PPG	HW	FSX	MUGAS	LBRERC	MDIU	HTCMRTH	MBRTHV	QTIME	MTUADJ	HTGADJ
1	1ST	FY75	2180	12	101	199276	204194	0	37099	0	333144	263	1203	00	863976	664437	1	863976	664437
2	2ND	FY75	3189	0	102	192107	339436	0	13844	0	426258	244	1037	67	971894	779543	2	971894	779543
3	3RD	FY75	825	279	103	186655	256991	0	16288	0	166362	221	1085	00	626517	439641	3	626517	439641
4	4TH	FY75	148	736	104	191887	169868	0	44598	0	181756	10541	956	67	598650	396222	4	598650	396222
5	1ST	FY76	1867	25	105	166948	240939	0	89972	0	196676	9178	832	67	703713	527587	5	703713	527587
6	2ND	FY76	2932	0	106	155835	297653	0	36884	0	170287	9142	660	00	669801	504824	6	669801	504824
7	3RD	FY76	713	220	107	65133	150471	0	0	0	9591	5836	479	67	231031	160062	7	231031	160062
8	4TH	FY76	128	538	108	50844	120771	0	0	0	1291	4958	442	00	177864	122052	8	177864	122052
9	1ST	FY77	2903	8	109	49766	180733	0	0	0	4768	5745	416	33	241012	185501	9	241012	185501
10	2ND	FY77	3355	0	110	52161	189174	0	0	0	8424	5610	436	67	255369	197598	10	255369	197598
11	3RD	FY77	488	408	111	59808	132677	0	33415	0	2459	5540	488	00	233899	168551	11	233899	168551
12	4TH	FY77	50	700	112	54580	108300	0	23967	0	0	4934	412	00	191781	132267	12	191781	132267
13	1ST	FY78	2408	0	113	44378	144886	0	0	0	2406	4669	358	00	196339	147242	13	196339	147242
14	2ND	FY78	3887	0	114	43328	186744	0	0	0	1679	5237	317	00	236988	184423	14	236988	184423
15	3RD	FY78	828	192	115	34316	101931	0	0	0	625	4561	304	00	141433	102556	15	141433	102556
16	4TH	FY78	64	651	116	31264	68590	0	0	0	0	4228	319	00	106082	68590	16	106082	68590
17	1ST	FY79	2342	2	117	36084	89707	0	0	0	1705	4961	329	00	132457	91412	17	132457	91412
18	2ND	FY79	3851	0	118	42428	123684	0	0	0	2190	6505	336	00	174807	125874	18	174807	125874
19	3RD	FY79	843	227	119	30131	81544	0	0	0	438	5113	380	33	117226	81982	19	117226	81982
20	4TH	FY79	97	553	120	26917	57952	0	0	0	208	4687	350	67	89764	58160	20	89764	58160
21	1ST	FY80	2071	26	121	34225	92037	0	0	0	961	5088	331	00	132311	92998	21	132311	92998
22	2ND	FY80	3530	0	122	39005	102993	0	0	0	1260	4194	330	67	147452	104253	22	147452	104253
23	3RD	FY80	839	154	123	30125	75054	0	0	0	1307	4253	353	00	110739	76361	23	110739	76361
24	4TH	FY80	74	787	124	29519	12393	0	0	0	191	3985	342	33	46088	12584	24	46088	12584
25	1ST	FY81	2397	2	125	33489	71013	0	0	0	4340	4083	328	00	112925	75353	25	112925	75353
26	2ND	FY81	3185	0	126	36319	74642	0	0	0	6437	4060	313	33	121458	81079	26	121458	81079
27	3RD	FY81	716	186	127	33905	42102	0	0	0	1479	3873	313	33	81360	43581	27	81360	43581
28	4TH	FY81	149	496	128	27817	5987	0	0	0	1864	4299	321	67	39967	7851	28	39967	7851
29	1ST	FY82	2444	0	129	33687	73340	0	0	0	4171	4208	322	00	115406	77511	29	115406	77511
30	2ND	FY82	3767	0	130	37595	89424	0	0	0	6813	4653	313	33	138485	96237	30	140087	97839
31	3RD	FY82	819	117	131	28559	42212	0	0	0	3128	3816	316	67	77715	45340	31	78063	45688
32	4TH	FY82	196	525	132	28316	10487	0	0	0	1258	4651	318	33	44712	11745	32	44795	11828

PROCESS ENERGY ANALYSIS - LAKE CITY AAP

OBS	QTR	FYEAR	MBTU	ELEC	NATGAS	FSX	PPG	FS6	MUGAS	TIME	HDD	CDD	LBRFR	BLDG1	BLDG2	BLDG3	BLDG4
1	1ST	FY75	331878	7180	170770	226	10	11503	795	101	1896	8	2574.67	20431	92437	0	264799
2	2ND	FY75	425304	7480	59328	454	11056	41508	866	102	2398	0	2543.67	19243	92318	6822	258334
3	3RD	FY75	265158	7340	83583	364	87	14289	836	103	428	423	2469.00	3062	111518	3692	264533
4	4TH	FY75	214600	7490	121100	156	18	257	776	104	142	1067	2256.67	0	91967	16081	189626
5	1ST	FY76	338433	6810	215578	378	15	6175	759	105	1747	44	2040.00	0	79741	53673	130265
6	2ND	FY76	391495	6650	189919	322	1348	18596	819	106	2411	0	1973.33	0	58695	59056	123690
7	3RD	FY76	273067	6550	192462	120	15	0	745	107	461	250	1989.67	0	64615	50521	123458
8	4TH	FY76	213905	7258	121886	198	17	480	693	108	45	1012	1962.67	0	76449	41072	118079
9	1ST	FY77	325910	7021	88553	358	16	23873	709	109	2442	34	1936.00	0	73612	39592	100333
10	2ND	FY77	443254	8185	17284	455	4504	50806	848	110	2880	0	2061.67	0	88518	54802	112406
11	3RD	FY77	273904	7839	111143	261	15	10693	584	111	214	484	2012.33	0	75563	46279	98636
12	4TH	FY77	221932	8261	116662	199	20	612	841	112	21	908	1991.67	0	70540	31710	81261
13	1ST	FY78	350328	7089	168336	291	15	14925	803	113	2060	11	1960.33	732	60924	48363	50183
14	2ND	FY78	408385	7305	14890	250	3756	47701	695	114	3601	5	1795.67	5382	34975	60728	52176
15	3RD	FY78	276834	7210	187658	87	9	0	957	115	469	400	1784.00	8105	31044	62187	53900
16	4TH	FY78	229167	8419	126662	173	10	0	729	116	28	1111	1899.33	18827	53089	74481	60071

OBS	BLDG35	10THRS	MM556	MM762	CAL50	MM20	MM30	CAL38	HEI	TUBES	PRIM41	MS2	PRIM50	M36	PRIM34
1	46372	475912		60373	0	0	0	0	0	0.00	9700	757.00	0.00	0.0	0
2	45172	466654	238117	62230	0	0	0	0	0	0.00	21450	701.00	173.15	0.0	0
3	48189	475185	244941	47273	0	0	0	0	0	0.00	7001	0.00	102.00	0.0	0
4	35030	371666	162162	38236	0	0	0	0	0	0.00	6800	0.00	0.00	0.0	0
5	27075	325609	122024	40123	2452	0	0	0	0	0.00	22000	0.00	105.00	0.0	0
6	30736	318310	124241	24139	3279	3231	36	0	0	0.00	14000	2000.00	0.00	0.0	0
7	31551	319008	125373	31121	3447	4297	65	0	0	0.00	0	1500.00	0.00	585.5	0
8	34949	309672	127969	40285	3216	3243	961	0	0	0.00	20010	1500.00	0.00	412.3	0
9	31060	278369	112160	33385	2992	2599	41	0	0	0.00	0	2000.00	0.00	482.1	0
10	32833	334315	118240	36624	3405	3858	10	0	0	0.00	0	1220.00	0.00	9.7	0
11	26995	294495	114634	34620	2809	3935	0	0	0	0.00	0	1540.00	0.00	0.0	0
12	27276	274503	104505	26145	858	5340	2257	0	0	0.00	0	1265.00	0.00	2254.0	0
13	23100	239013	70270	30197	1300	4447	736	0	0	0.00	0	2437.00	0.00	968.5	0
14	26943	237200	71960	8409	2124	4644	0	0	0	2588.60	0	3563.54	0.00	1596.4	0
15	25595	227287	76482	5665	3347	5150	0	0	0	2390.00	0	3154.00	0.00	2636.3	0
16	24624	272996	63955	14169	4373	4772	0	0	0	2324.40	0	6964.44	0.00	1481.1	0

OBS	M115	FUZE	CASE	QTIME	HTGM8TU	BULLETS	WEIGHT	STDHRS	ITEMS	MBTU11R	ELECADJ	HTGADJ	MBTUADJ
1	0.00	0.00	0	1	244406	300347	35475718	337685	322671		83288	244406	331878
2	0.00	0.00	0	2	322933	292214	33194529	320578	299317		86768	322933	425304
3	0.00	0.00	0	3	175538	200398	23343287	223340	207198		85144	175538	265158
4	0.00	0.00	0	4	123624	164599	21687159	199952	186704	331878	86884	123624	214600
5	0.00	0.00	0	5	255437	154926	26480533	233570	170927	331878	78996	255437	338433
6	0.00	1.20	0	6	308708	154926	30495323	264392	166389	425304	77140	308708	291495
7	0.00	0.00	0	7	193161	164303	30495323	264392	166389	265158	75980	193161	273067
8	0.00	216.00	0	8	126057	174809	30214348	264051	196947	246000	84193	126057	213905
9	0.00	128.20	0	9	240728	151177	25559114	224653	153787	214600	81444	240728	325910
10	0.00	110.00	0	10	339352	162137	29711123	257814	163477	338433	94946	339352	443254
11	0.00	350.00	0	11	179890	155998	28637001	248716	157888	273067	90932	179890	273904
12	0.00	179.00	0	12	121669	139190	35488057	277208	142803	213905	95828	121669	221932
13	0.00	600.00	0	13	253865	106950	25985615	210265	110955	325910	82232	263865	350328
14	0.00	230.00	0	14	316242	87137	20313849	171613	95116	443254	84738	316242	408385
15	0.00	495.53	0	15	188165	90644	22245093	186689	99320	273904	83636	188165	276834
16	0.00	2071.44	0	16	127670	87269	22673403	187466	100110	221932	97660	127670	229167

OBS	QTR	FYEAR	MBTU	ELEC	NATGAS	FSX	PPG	FS6	MOGAS	TIME	HDD	CDD	LBRFRC	BLDG1	BLDG2	BLDG3	BLDG4
1	1ST	FY75	331878	7180	170770	226	10	11503	795	101	1896	8	2574.67	20431	92437	0	264799
2	2ND	FY75	425304	7480	59328	454	11056	41508	866	102	2998	0	2543.67	19243	92318	6822	258334
3	3RD	FY75	265158	7340	83583	364	87	14289	836	103	428	423	2469.00	3062	111518	3692	264533
4	4TH	FY75	214600	7490	121100	156	18	257	776	104	142	1067	2256.67	0	91967	16081	189626
5	1ST	FY76	338433	6810	215578	178	15	6175	759	105	1747	44	2040.00	0	79741	53673	130265
6	2ND	FY76	391495	6650	189919	322	1348	18596	819	106	2411	0	1973.33	0	58695	59056	123690
7	3RD	FY76	273067	6550	192462	120	15	0	745	107	461	250	1989.67	0	64615	50521	123458
8	4TH	FY76	213905	7258	121886	198	17	480	693	108	45	1012	1962.67	0	76449	41072	118079
9	1ST	FY77	325910	7021	88553	358	16	23873	709	109	2442	34	1936.00	0	73612	39592	100333
10	2ND	FY77	443254	8185	17284	455	4504	50806	848	110	2880	0	2061.67	0	88518	54802	112406
11	3RD	FY77	273904	7839	111143	261	15	10693	584	111	214	484	2012.33	0	75563	46279	98636
12	4TH	FY77	221932	8261	116662	199	20	612	841	112	21	908	1991.67	0	70540	31710	81261
13	1ST	FY78	350328	7089	168336	291	15	14925	803	113	2060	11	1960.33	732	60924	48363	50183
14	2ND	FY78	408385	7305	14890	250	3756	47701	695	114	3601	5	1795.67	5382	34975	60728	52176
15	3RD	FY78	276834	7210	187658	87	9	0	957	115	469	400	1784.00	8105	31044	62187	53900
16	4TH	FY78	229167	8419	126662	173	10	0	729	116	28	1111	1899.33	18827	53089	74481	60071
OBS	BLDG35	TOTIIRS	MM556	MM762	CAL50	MM20	MM30	CAL38	HEI	TUBES	PRIM41	M52	PRIM50	M36	PRIM34		
1	46373	479912	60373	60373	0	0	0	0	0	0.00	9700	757.00	0.00	0.0	0		
2	45172	466654	62230	62230	0	0	0	0	0	0.00	21450	701.00	173.15	0.0	0		
3	48189	475185	47273	47273	0	0	0	0	0	0.00	7001	0.00	102.00	0.0	0		
4	35030	371666	38236	38236	0	0	0	0	0	0.00	6800	0.00	0.00	0.0	0		
5	27075	325609	40123	40123	2452	0	0	0	0	0.00	22000	0.00	105.00	0.0	0		
6	30736	318310	24139	24139	3279	3231	36	0	0	0.00	14000	2000.00	0.00	0.0	0		
7	31551	319008	125373	31121	3447	4297	65	0	0	0.00	0	1500.00	0.00	585.5	0		
8	34949	309672	127969	40285	3216	3243	961	0	0	0.00	20010	1500.00	0.00	412.3	0		
9	31060	278369	112160	33385	2992	2599	41	0	0	0.00	0	2000.00	0.00	9.7	0		
10	32833	334315	118240	36624	3405	3858	10	0	0	0.00	0	1220.00	0.00	0.0	0		
11	26995	294495	114634	34620	2809	3935	0	0	0	0.00	0	1540.00	0.00	0.0	0		
12	27276	274503	104505	26145	858	5340	2257	0	0	0.00	0	1265.00	0.00	2254.0	0		
13	23100	239013	70270	30197	1300	4447	736	0	0	0.00	0	2437.00	0.00	968.5	0		
14	26943	237200	71960	8409	2124	4644	0	0	0	2588.60	0	3563.54	0.00	1596.4	0		
15	25595	227287	76482	5665	3347	5150	0	0	0	2390.00	0	3154.00	0.00	2636.3	0		
16	24624	272996	14169	63955	4373	4772	0	0	0	2324.40	0	6964.44	0.00	1481.1	0		
OBS	M115	FUZE	CASE	QTIME	HTGMBTU	BULLETS	WEIGHT	STDHRS	ITEMS	MBTU1YR	ELECADJ	HTGADJ	MBTUADJ				
1	0.00	0.00	0	1	244406	300347	35475718	337685	322671	83288	244406	331878					
2	0.00	0.00	0	2	322933	292214	33194529	320578	299317	86768	322933	425304					
3	0.00	0.00	0	3	175538	230393	23343287	223340	207198	85144	175538	285158					
4	0.00	0.00	0	4	123624	164599	21687159	199952	186704	86884	123624	214600					
5	0.00	0.00	0	5	255437	154926	26480533	233570	170927	78996	255437	338433					
6	0.00	1.20	0	6	308708	164303	30495323	264392	166389	77140	308708	391495					
7	0.00	0.00	0	7	193161	174809	30214348	264051	196947	425304	193161	273067					
8	0.00	216.00	0	8	126057	151177	25559114	224653	153787	214600	126057	213905					
9	0.00	128.20	0	9	240728	162137	29711123	257814	163477	338433	240728	325910					
10	0.00	110.00	0	10	339352	155998	28637001	248716	157888	391495	339352	443254					
11	0.00	350.00	0	11	179890	139105	35488057	277208	142803	273067	179890	273904					
12	0.00	179.00	0	12	121669	106950	25985615	210265	110955	213905	121669	221932					
13	0.00	600.00	0	13	263855	106950	25985615	210265	110955	325910	263855	350328					
14	0.00	230.00	0	14	316242	87137	20313849	171613	95116	443254	316242	408385					
15	0.00	495.53	0	15	188165	90644	22245093	186689	99320	273904	188165	276834					
16	0.00	2071.44	0	16	127670	87269	22673403	187466	100110	221932	127670	229167					

OBS	QTR	FYEAR	MBTU	ELEC	NATGAS	FSX	PPG	FS6	MUGAS	TIME	HDD	CDD	LBRFRG	BLDG1	BLDG2	BLDG3	BLDG4
17	1ST	FY79	348970	7963	211392	289	15	5259	792	117	1940	19	2006.67	27051	57257	81734	75833
18	2ND	FY79	442021	8285	94017	660	4779	37889	965	118	3552	1	1961.67	20398	68041	93422	41866
19	3RD	FY79	299134	7658	202941	539	0	0	804	119	520	309	1896.00	18351	83460	56007	23840
20	4TH	FY79	228850	8304	126719	341	2	0	727	120	45	835	1783.33	20304	68929	48134	17439
21	1ST	FY80	331102	7322	239496	543	6	0	667	121	1885	29	1765.33	24609	63582	25263	25263
22	2ND	FY80	390341	7533	295354	642	1	0	736	122	3075	0	1753.67	25412	67245	63293	43302
23	3RD	FY80	229423	6041	115139	119	2	6441	575	123	428	406	1542.33	22438	41351	46773	48200
24	4TH	FY80	171761	6815	88396	202	0	0	597	124	63	1325	1448.00	16033	54371	2517	45724
25	1ST	FY81	251913	5165	185512	277	408	195	617	125	1967	15	1392.67	15661	65549	2293	12361
26	2ND	FY81	325360	5815	245232	423	119	1099	606	126	2556	0	1408.67	17027	69357	7968	20231
27	3RD	FY81	226535	6430	147127	266	0	0	623	127	350	381	1597.67	16652	74890	57942	19702
28	4TH	FY81	211594	7790	111496	218	0	786	671	128	42	820	1734.00	12802	71592	87198	19525
29	1ST	FY82	303620	6883	205354	462	0	1962	647	129	1994	14	1855.33	13593	78559	110705	22078
30	2ND	FY82	391903	7373	274373	590	5	3895	776	130	3159	0	1973.67	16008	82583	135981	13916
31	3RD	FY82	281881	7757	181340	404	5	710	712	131	499	237	2266.67	14700	80463	143222	14775
32	4TH	FY82	252429	9940	124458	445	0	846	906	132	80	930	2508.67	21059	119806	206517	26566

OBS	BLDG35	TOTHR	MM556	MM762	CAL50	MM20	MM30	CAL38	HEI	TUBES	PRIM41	M52	PRIM50	M36	PRIM34
17	28849	322950	83596	14737	4821	3828	0	8495	0	1703.00	40	2527.12	0	11698	0
18	38559	330081	52905	23808	5558	5180	0	10570	45	3153.20	0	5067.00	0	5000	0
19	37540	281912	49281	35781	4020	5928	0	4157	34	2890.00	0	3772.00	0	4622	0
20	29204	249003	52860	30135	3066	4643	0	0	45	4882.00	0	1258.00	0	7081	0
21	25857	235332	48318	24711	2834	3029	0	300	35	4400.00	0	3000.00	0	4000	0
22	25137	259768	56399	16121	5385	2089	0	9000	0	4547.00	1	4548.00	0	0	1
23	15912	189097	61233	14990	5446	592	0	6214	34	0.00	1	2922.00	0	0	1
24	15920	176246	52441	13639	1182	2837	0	3514	18	0.12	0	190.12	0	0	0
25	14084	158604	25275	23092	0	3509	0	0	13	0.00	0	160.30	0	0	0
26	20950	175162	41040	23427	0	3252	0	554	0	0.00	0	988.56	0	0	0
27	27164	230929	52678	27584	4758	2824	0	0	16	0.00	0	1806.32	0	0	0
28	29948	251847	53256	22479	8738	3413	0	0	0	0.00	0	867.78	0	0	0
29	31718	288486	38679	26875	11790	3224	0	0	16	0.00	0	533.28	0	0	0
30	44349	339545	33877	28016	11169	3361	0	0	0	0.00	0	3904.00	0	0	0
31	39031	346322	38793	30166	14614	4014	0	0	12	0.00	0	676.00	0	0	0
32	54108	495019	55485	40122	20513	3198	0	0	11	0.00	0	3263.00	0	0	0

OBS	M115	FUZE	CASE	QTIME	HTGMBTU	BULLETS	WEIGHT	STDHRS	ITEMS	MBTU1YR	ELECADJ	HTGADJ	MBTUADJ
17	0.00	0	0	17	252426	115478	23953544	202218	131446	350328	92371	252426	348970
18	0.00	0	1363	18	336070	98021	26458686	213459	112649	408385	95520	336437	441802
19	0.00	178	2292	19	206081	99167	28181402	227216	112955	276834	88287	208423	298930
20	0.00	956	1828	20	128705	91004	23512964	193014	107054	229167	95740	129072	228631
21	0.00	857	2355	21	242659	79192	18319213	152430	93839	348970	84400	242994	330902
22	22.54	0	2169	22	299094	88994	18316600	152973	100283	442021	86758	299485	390107
23	0.00	0	121	23	156327	88475	15076736	130158	91554	299134	69397	156752	229169
24	827.46	0	0	24	89573	73613	15212628	129086	74649	228850	78473	89937	171544
25	0.00	0	0	25	188351	51876	14575332	118366	52049	331102	59634	188527	251808
26	0.00	0	0	26	254605	68273	15686073	130998	69262	390341	66999	254890	325190
27	1375.00	0	0	27	148676	87844	20314775	168641	91041	229423	74004	149042	226317
28	0.00	0	0	28	117707	87886	23695360	192763	88754	171761	89774	118077	211373
29	0.00	0	0	29	220380	80568	25079808	199287	81117	251913	79414	220649	303460
30	0.00	0	0	30	302298	76423	24654076	195025	80327	325360	85151	302533	391763
31	978.00	0	0	31	188157	87587	29613356	233121	89253	226535	89551	188426	281720
32	372.00	0	0	32	132369	119318	35980009	285721	122964	211594	114689	132754	252199

OBS	QTR	FYEAR	HDD	CMD	TIME	ELEC	NATGAS	COAL	PDG	IW	FSX	MUADJ	INTERC	NUNI	WT1
1	151	FY75	885	112	101	54068	228360	0	0	0	32443	9977	2297.67	180	1513
2	2ND	FY75	1235	44	102	53105	226719	0	0	0	89689	9157	2139.00	208	845
3	3RD	FY75	124	732	103	54927	160527	0	0	0	1264	9167	2007.00	648	2979
4	4TH	FY75	4	1265	104	58104	85834	0	0	0	0	8805	1993.00	127	723
5	151	FY76	817	187	105	40020	168088	0	0	0	48341	9181	1925.33	41	658
6	2ND	FY76	939	86	106	43987	168449	0	0	0	113209	9457	1620.00	3	341
7	3RD	FY76	55	554	107	39243	76867	0	0	0	0	6885	1333.67	3	307
8	4TH	FY76	0	1148	108	47467	64317	0	0	0	350	6464	1251.67	3	330
9	151	FY77	1244	55	109	37642	61843	0	0	0	107833	6979	1184.33	7	720
10	2ND	FY77	1438	35	110	34800	27759	0	0	0	170422	6283	1294.67	146	1878
11	3RD	FY77	46	801	111	44324	4098	0	0	0	74962	6111	1544.33	183	2873
12	4TH	FY77	0	1478	112	53986	2575	0	0	0	55169	1749.33	1749.33	216	5903
13	151	FY78	881	140	113	41563	12934	0	0	0	129210	8042	1795.67	187	6732
14	2ND	FY78	2053	8	114	42038	29664	0	0	0	203928	8505	1762.33	155	6021
15	3RD	FY78	91	859	115	46133	4680	0	0	0	78603	6818	1730.33	83	3878
16	4TH	FY78	0	1598	116	67906	4469	0	0	0	67180	2921	1913.00	172	5222
17	151	FY79	766	143	117	47316	25235	0	0	0	122412	9079	1924.33	172	5261
18	2ND	FY79	1582	47	118	51376	64825	0	0	0	238766	9058	1831.67	135	5089
19	3RD	FY79	61	659	119	46481	99715	0	0	0	0	7106	1789.67	48	4877
20	4TH	FY79	0	1276	120	51040	61084	0	0	0	1149	6841	1779.33	85	4935
21	151	FY80	916	134	121	38025	56772	0	0	0	71999	7270	1772.00	53	4914
22	2ND	FY80	1314	13	122	41516	271508	0	0	0	180789	6655	1663.67	51	5205
23	3RD	FY80	100	901	123	39695	65675	0	0	0	23012	5794	1595.33	50	5089
24	4TH	FY80	3	1851	124	51875	55165	0	0	0	0	6248	1589.33	45	4610
25	151	FY81	956	109	125	37352	148122	0	0	0	0	6649	1593.67	43	4415
26	2ND	FY81	1324	15	126	40867	188644	0	0	0	2458	6179	1506.33	27	2814

OBS	NUM2	WT2	NUM3	WT3	QTIME	MBTU	INTMBTU	MBTU/YR	UNITS	TOTWT	MUADJ	INTGADJ	ELECADJ
1	1246	2092	29766	298	1	324849	260804	378870	31192	3903	174849	260804	54068 0
2	1086	1844	24747	247	2	378870	316408	226085	26041	2936	378870	316408	53105 0
3	1286	1081	10605	139	3	226085	151791	265630	12539	4199	226085	161191	54927 0
4	975	866	14755	197	4	152743	85834	226085	15857	1786	156558	89649	58104 0
5	494	622	20982	306	5	265630	216429	324849	21517	1586	282576	233375	40020 0
6	547	512	11517	115	6	334202	281658	378870	12067	968	153118	100574	41987 0
7	263	184	7836	78	7	122995	76867	226085	8102	569	146758	100630	39243 0
8	170	170	4872	63	8	118698	64657	152743	5045	563	141573	87542	47467 0
9	218	155	6173	125	9	214297	159576	265630	6398	1000	238139	193518	37642 0
10	34	225	4213	256	10	239264	198181	334202	4393	2359	266240	225157	34800 0
11	29	412	9165	492	11	130215	79060	127995	9377	3777	16825	83553	46441 0
12	15	564	10661	315	12	119996	57744	118698	10892	6802	125863	61494	56103 0
13	164	45	12511	217	13	191749	142144	214297	12862	6994	211845	160123	43680 0
14	12	10	14267	368	14	284135	233592	239264	14454	6399	323161	270301	44155 0
15	75	188	15004	576	15	136214	83283	130215	15162	4642	141434	88503	46133 0
16	150	438	16449	640	16	147476	71648	119996	16771	6800	151276	75399	67906 0
17	136	628	14631	471	17	204042	147647	191749	14939	6360	202430	146095	47316 0
18	226	1241	16060	304	18	364025	303591	284135	16421	6634	356824	296390	51376 0
19	508	702	15674	625	19	153302	99715	136234	16230	6204	156630	103043	46481 0
20	431	584	14347	357	20	120114	62233	147476	14863	5876	123864	65983	51040 0
21	509	937	11932	235	21	174065	128771	204042	12494	6086	171475	126180	38025 0
22	519	746	13703	132	22	250468	202297	364025	14293	6083	245122	196951	41516 0
23	431	675	8841	84	23	134176	88687	151302	9322	5848	137234	91745	39695 0
24	277	705	8470	319	24	113288	55165	120114	8792	5635	117174	59051	51875 0
25	351	819	6742	128	25	192121	148122	174066	7136	5362	189688	145687	37352 0
26	549	572	8247	338	26	238148	191102	250468	8823	3724	233271	186225	40867 0

PROCESS ENERGY ANALYSIS - LONE STAR AAP

ORS	QTR	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	NATGAS	LBRFRC	NUM1	WT1
27	3RD	FY81	34	791	127	38511	64544	0	0	0	0	6642	1423.67	23	2392
28	4TH	FY81	8	1353	128	47328	56777	0	0	0	0	6186	1400.00	32	2794
29	1ST	FY82	929	141	129	37329	130611	0	0	0	0	6176	1308.67	32	3275
30	2ND	FY82	1327	113	130	37062	184081	0	0	0	19293	6281	1243.67	36	3646
31	3RD	FY82	129	794	131	35067	65288	0	0	0	0	5199	1205.00	47	4361
32	4TH	FY82	9	1479	132	46655	50066	0	0	0	0	5493	1307.67	43	4372
ORS	NUM2	WT2	NUM3	WT3	QTIME	MBTU	HTGMBTU	MBTU/YR	UNITS	TOTWT	MBTUADJ	HTGADJ	ELECADJ		
27	671	815	8490	409	27	109697	64544	134176	9184	3616	113378	68225	38511.0		
28	561	914	8287	261	28	110291	56777	113288	8880	3969	114144	60630	47328.0		
29	510	461	7140	461	29	174116	130611	192123	7682	4197	171860	128355	37329.0		
30	529	1375	4718	47	30	246717	203374	238148	5283	5068	241820	198477	37062.0		
31	448	1259	8753	86	31	105754	65288	109697	9248	5706	109080	68339	35342.2		
32	1138	1323	11635	480	32	102214	50066	110291	12816	6175	106573	53913	47167.6		

OBS	QTR	FYEAR	IOD	CDD	TIME	FLEC	NATGAS	COAL	PPG	HW	FSX	MCGAS	LBRFRC	NUM1	WT1	NUM2	WT2	NUM3
1	1ST	FY75	885	112	101	37677	111734	0	0	0	20055	4998	1013 33	240053	65.45161	86847	42555	269807
2	2ND	FY75	1235	44	102	33408	85886	0	0	0	99165	5208	991 67	211222	5990574	100289	49142	318944
3	3RD	FY75	124	732	103	38756	98181	0	0	0	7246	5313	1009 33	227635	6506535	105198	51547	336224
4	4TH	FY75	4	1265	104	38744	79078	0	0	0	2126	4961	860 33	192590	6354247	50506	24748	180689
5	1ST	FY76	817	187	105	26240	91580	0	0	0	4159	3628	640 67	120356	4531090	96611	47339	0
6	2ND	FY76	939	86	106	23559	101501	0	0	0	36197	3466	571 33	56782	1093871	0	0	0
7	3RD	FY76	55	554	107	27132	83472	0	0	0	2931	3376	544 33	91007	1333468	0	0	67518
8	4TH	FY76	0	1148	108	38586	68992	0	0	0	5633	4038	665 33	76949	2531671	0	0	135577
9	1ST	FY77	1244	55	109	29733	109936	0	0	0	17376	4216	774 33	7770	202020	0	0	229666
10	2ND	FY77	1438	35	110	25724	22375	0	0	0	140773	4069	728 33	4380	113880	0	0	480854
11	3RD	FY77	46	801	111	34744	89802	0	0	0	20667	4101	829 67	25317	1063314	0	0	674194
12	4TH	FY77	0	1478	112	45269	76862	0	0	0	0	4636	896 33	984037	1879593	0	0	523688
13	1ST	FY78	881	140	113	33408	129612	0	0	0	0	3891	901 67	474208	158068	0	0	562822
14	2ND	FY78	2053	8	114	29566	177021	0	0	0	12390	5314	940 00	50877	980745	37198	67700	300831
15	3RD	FY78	91	859	115	45936	112452	0	0	0	0	4584	941 67	64471	1226880	101586	94641	322757
16	4TH	FY78	0	1598	116	52875	93306	0	0	0	0	4453	955 00	130008	3001533	134738	115438	283634
17	1ST	FY79	766	143	117	40173	141029	0	0	0	2289	4536	947 33	93389	2434499	147771	82838	352041
18	2ND	FY79	1582	47	118	32239	181422	0	0	0	12961	5922	856 00	182549	7703844	247607	159758	356156
19	3RD	FY79	61	659	119	41509	111995	0	0	0	175	4489	850 33	182692	8425147	275083	194603	442788
20	4TH	FY79	0	1276	120	52033	95332	0	0	0	0	4205	853 67	117740	1969068	59396	75000	375643
21	1ST	FY80	916	134	121	32823	125713	0	0	0	2138	4247	853 67	85110	1930475	5260	2577	373189
22	2ND	FY80	1314	13	122	27645	153826	0	0	0	338	4215	826 67	70222	1825772	2145	3904	314290
23	3RD	FY80	100	901	123	34326	87751	0	0	0	7759	3098	810 33	70528	1831728	0	0	160613
24	4TH	FY80	3	1851	124	41510	73238	0	0	0	1078	3278	763 67	70066	1776242	0	0	249306
25	1ST	FY81	956	109	125	24651	123955	0	0	0	370	2952	760 67	73848	1245572	0	0	219307
26	2ND	FY81	1324	15	126	23049	143744	0	0	0	920	3203	714 67	50087	1402262	0	0	329279

OBS	WT3	NUM4	WT4	NUM5	WT5	QTIME	MBTU	HICMBTU	MBTU1YR	UNITS	TOTWT	MBTUADJ	HITGADJ	CLECADJ
1	202355	20	62000	10213	10213	1	174464	131789	606940	606940	6852284	174464	131789	37677.0
2	239208	28	95200	233	1165	2	223667	185051	630716	630716	6175289	223667	185051	33408.0
3	252168	28	91200	872	4360	3	149496	105427	669957	669957	6905810	149496	105427	38756.0
4	140958	20	74000	457	2165	4	124909	81204	424262	424262	6105118	124909	81204	38744.0
5	0	4	17600	74467	10407	5	125607	95739	174464	291438	4606436	125607	95739	26240.0
6	0	13	49200	7316	185625	6	164723	137698	223667	64111	1128646	164723	137698	23559.0
7	101277	4	17600	4114	4502	7	116911	86403	149496	162643	1456847	116911	86403	27132.0
8	201291	3	7200	9457	393605	8	117249	74625	124909	221986	1115767	117249	74625	38586.0
9	57417	3	7200	16581	640970	9	161261	127312	125607	254020	907607	161261	127312	29733.0
10	138436	2	4800	290	290	10	192941	163148	164723	485526	257406	192941	163148	25724.0
11	249544	0	0	38536	4239	11	149314	110469	116911	738047	1117097	149314	110469	34744.0
12	272598	0	0	276870	29810	12	126767	76862	117249	1784595	2182001	126767	76862	45269.0
13	368111	0	0	70241	12328	13	166911	129612	161261	1107271	538507	166911	129612	33408.0
14	252880	0	0	11100	11100	14	224291	189411	192941	400006	1712425	224291	189411	29566.0
15	176747	0	0	12909	12909	15	162972	112452	149314	501223	1511177	162972	112452	45936.0
16	213494	0	0	36189	36429	16	150634	93306	126767	584569	3380894	150634	93306	52875.0
17	140669	0	0	154704	22384	17	188027	143318	166911	747905	2680190	188027	143318	40173.0
18	115724	0	0	1373	1893	18	232544	194783	224291	787685	7981219	232544	194783	32239.0
19	110697	0	0	3955	4915	19	158168	112170	162972	904518	8715762	158168	112170	41509.0
20	95501	0	0	409	1181	20	151570	95332	150634	553188	2140750	151570	95332	52033.0
21	206087	24	81600	3011	3011	21	174921	137851	188027	466594	2223750	174921	137851	32823.0
22	192295	21	68400	1077	1077	22	180624	154164	232544	387755	2081448	180624	154164	27645.0
23	143029	22	74800	4350	4350	23	132934	95510	158168	235513	2055907	132934	95510	34326.0
24	142767	41	142400	404	404	24	119104	74316	151570	319817	2061813	119104	74316	41510.0
25	79013	10	34000	0	0	25	151878	124275	174921	293165	3358585	151878	124275	24651.0
26	129573	0	0	0	0	26	170916	144664	186024	379366	1431835	182414	156162	23049.0

PROCESS ENERGY ANALYSIS - LONGHORN AAP

OBS	QTR	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PPG	IW	FSX	MOGAS	LBRRFC	NUM1	WT1	NUM2	WT2	NUM3
27	3RD	FY81	34	791	127	29986	83247	0	0	0	0	3019	709 000	61135	1589510	0	0	420204
28	4TH	FY81	8	1353	128	41087	69581	0	0	0	0	2956	677 667	78676	1472921	8810	16034	201440
29	1ST	FY82	929	141	129	27144	116060	0	0	0	0	3271	721 333	93408	2428608	0	0	212923
30	2ND	FY82	1327	113	130	25717	144635	0	0	0	5254	3474	714 000	116991	3041766	0	0	348486
31	3RD	FY82	129	794	131	37665	91559	0	0	0	0	3568	751 667	94704	2482304	0	0	660533
32	4TH	FY82	9	1479	132	45055	73571	0	0	0	0	3838	809 667					
OBS	WT3	NUM4	WT4	NUM5	WT5	QTIME	MBTU	HITGMBTU	MBTU1YR	UNITS	TOTWT	MBTUADJ	HITGADJ	ELECADJ				
27	317381	0	0	0	0	27	116252	83247	132934	481339	1906891	119800	86795	29986.0				
28						28	113624	69581	119104			117012	72969	41087.0				
29	190820	0	0	25358	25358	29	146475	116060	151878	314284	1705133	155538	125123	27144.0				
30	162584	0	0	21447	21447	30	179080	149889	170916	327778	2612639	193373	161405	28495.2				
31	139682	0	0	6798	6798	31	132792	91559	116252	472275	3188246	138935	95692	39675.2				
32	226855	0	0	0	0	32	122464	73571	113624	755237	2689159	128498	76965	47695.2				

PROCESS ENERGY ANALYSIS - LOUISIANA AAP

ORS	QTR	FYEAR	HDD	CDID	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MIGAS	IBRFR	NUM1	WT1
1	1ST	FY75	885	112	101	37816	131403	0	0	0	0	7378	999,000	283	26031
2	2ND	FY75	1235	44	102	43901	157246	0	0	0	0	5824	994,333	102	9351
3	3RD	FY75	124	732	103	53453	122899	0	0	0	0	8287	995,667	167	15319
4	4TH	FY75	4	1265	104	47072	78364	0	0	0	0	6890	872,667	61	5651
5	1ST	FY76	817	187	105	38616	103258	0	0	0	0	5904	775,667	62	5655
6	2ND	FY76	939	86	106	42074	114344	0	0	0	0	5706	769,333	69	6353
7	3RD	FY76	55	554	107	31018	42764	0	0	0	0	5417	756,000	69	6347
8	4TH	FY76	0	1148	108	32666	28964	0	0	0	0	5897	745,667	115	10589
9	1ST	FY77	1244	55	109	34823	96574	0	0	0	0	6808	713,333	92	8469
10	2ND	FY77	1438	35	110	32654	79378	0	0	0	0	27658	705,333	104	9530
11	3RD	FY77	46	801	111	32886	31134	0	0	0	0	9017	716,333	104	9534
12	4TH	FY77	0	1478	112	33988	30159	0	0	0	0	6797	709,667	92	8477
13	1ST	FY78	881	140	113	29557	57977	0	0	0	0	6174	680,000	70	6430
14	2ND	FY78	2053	8	114	33164	94431	0	0	0	0	9873	681,333	81	7416
15	3RD	FY78	91	859	115	33478	31138	0	0	0	0	6140	721,000	138	12739
16	4TH	FY78	0	1598	116	47931	33107	0	0	0	0	5464	792,333	70	6434
17	1ST	FY79	766	143	117	37537	59175	0	0	0	0	5852	786,667	0	15
18	2ND	FY79	1582	47	118	41436	101024	0	0	0	0	10153	796,333	104	9535
19	3RD	FY79	61	659	119	35438	32816	0	0	0	0	12	805,333	110	10210
20	4TH	FY79	0	1276	120	39243	26172	0	0	0	0	5414	797,333	134	12374
21	1ST	FY80	916	134	121	36563	64398	0	0	0	0	5779	811,667	87	8049
22	2ND	FY80	1314	13	122	37863	99658	0	0	0	0	5561	787,667	77	7128
23	3RD	FY80	100	901	123	32688	36210	0	0	0	0	4352	767,000	76	7006
24	4TH	FY80	3	1851	124	41864	30133	0	0	0	0	4692	761,000	77	7071
25	1ST	FY81	956	109	125	39799	87750	0	0	0	0	4649	820,000	71	6557
26	2ND	FY81	1324	15	126	48882	142679	0	0	0	0	5156	893,333	81	7584
ORS	PRM2	WT2	QTIME	MBTU	HGMBTU	MBTU/HR	UNITS	TOTWT	MBTUADJ	HIGADJ	ELCADJ				
1	186	940	1	176597	131403		469	26971	176597	131403	37816				
2	545	2268	2	206971	157246		647	11619	206971	157246	43901				
3	661	1892	3	185139	122899		828	17211	185139	122899	53453				
4	574	2396	4	132326	78364		640	8047	132326	78364	47072				
5	114	1518	5	147778	103258	176597	176	7183	147778	103258	38616				
6	204	1129	6	162124	114344	206971	273	7482	162124	114344	42074				
7	124	836	7	79529	42764	185139	193	7183	79529	42764	31018				
8	205	1153	8	67527	28964	132326	351	11742	67527	28964	32666				
9	194	1538	9	138205	96574	147778	286	10007	138205	96574	34823				
10	89	1173	10	134690	79378	162124	193	10703	134690	79378	32654				
11	142	968	11	73052	31134	79529	246	10502	73052	31134	32886				
12	672	1429	12	70944	30159	67527	764	9906	70944	30159	33988				
13	675	920	13	49413	57977	134690	745	7350	93913	57977	29557				
14	400	506	14	138468	95431	174690	481	7922	138468	95431	33164				
15	3	9	15	72956	33138	71052	141	12748	72956	33138	33478				
16	30	129	16	86502	33107	70944	100	6563	86502	33107	47971				
17	160	200	17	102581	59192	94913	160	215	102581	59192	37537				
18	375	468	18	156259	104670	138468	479	10003	156259	104670	41436				
19	13	40	19	74335	32828	72956	123	10250	74335	32828	35438				
20	57	71	20	70829	26172	86502	191	12445	70829	26172	39243				
21	10	30	21	106757	64415	102581	97	8079	106757	64415	36563				
22	24	119	22	143100	99676	156259	101	7247	143100	99676	37863				
23	0	0	23	73268	36228	74315	76	7006	73268	36228	32688				
24	24	108	24	76589	30133	70829	105	7179	76589	30133	41864				
25	0	0	25	132198	87750	106757	71	6557	132198	87750	39799				
26	307	1285	26	196717	142679	141100	448	8869	196717	142679	48882				

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PROCESS ENERGY ANALYSIS - MCALESTER AAP

QBS	QIR	QYEAR	IDD	CUD	TIME	FLEC	NATGAS	COAL	PPG	IW	FSK	MOGAS	LBFRFC	PHIM1	W11	NIM2	W12
1	1ST	FY75	1339	35	101	24662.0	83246	0	162	0	765	15029	160.000				
2	2ND	FY75	1979	3	102	24894.0	127409	0	196	0	3181	18002	160.000				
3	3RD	FY75	227	536	103	25114.0	31612	0	38	0	4182	19340	160.000				
4	4TH	FY75	62	1086	104	29835.0	11745	0	0	0	3247	16579	160.000				
5	1ST	FY76	1312	90	105	25724.4	74524	0	118	0	16842	17101	280.000				
6	2ND	FY76	1629	13	106	25806.0	83169	0	107	0	34463	15086	280.000				
7	3RD	FY76	203	326	107	23834.0	23962	0	19	0	2671	12181	280.000				
8	4TH	FY76	20	1010	108	29845.2	11745	0	0	0	3247	10897	280.000				
9	1ST	FY77	1836	16	109	24531.0	51230	0	178	0	25263	14629	220.000				
10	2ND	FY77	2140	0	110	24565.0	63463	0	163	0	55783	13481	220.000				
11	3RD	FY77	97	770	111	24789.4	25209	0	15	0	42	11214	220.000				
12	4TH	FY77	0	1449	112	28628.0	9145	0	0	0	0	10225	220.000	17402	1740200	37965	13110315
13	1ST	FY78	1292	43	113	23387.0	39149	0	39	0	5702	11221	260.000	0	0	21506	7758900
14	2ND	FY78	2604	0	114	25865.0	78959	0	176	0	67802	11878	260.000	0	0	0	0
15	3RD	FY78	182	590	115	22273.0	22226	0	14	0	0	10949	257.667				
16	4TH	FY78	0	1618	116	26262.0	10446	0	0	0	0	9510	261.667	0	0	27444	8687170
17	1ST	FY79	1263	52	117	22048.0	43348	0	157	0	536	10969	259.000	5300	265000	58443	3173760
18	2ND	FY79	2477	7	118	25925.0	103802	0	196	0	65926	10994	261.000	0	0	16469	988140
19	3RD	FY79	229	453	119	22664.0	43514	0	17	0	0	11006	265.333	0	0	0	0
20	4TH	FY79	8	1097	120	26263.0	15547	0	0	0	0	10457	261.333				
21	1ST	FY80	1389	89	121	20301.0	73468	0	77	0	641	10888	260.667	0	0	0	0
22	2ND	FY80	2072	0	122	21089.0	120855	0	165	0	4200	10439	271.000	0	0	0	0
23	3RD	FY80	235	609	123	19795.0	12039	0	16	0	186	10549	291.667	4739	236950	0	0
24	4TH	FY80	17	1711	124	27331.0	6257	0	0	0	0	10540	287.333	0	0	0	0
25	1ST	FY81	1325	55	125	20359.0	76780	0	0	0	752	9567	278.667	0	0	0	0
26	2ND	FY81	1828	0	126	21704.0	116007	0	0	0	2720	10069	288.000	0	0	41350	2067500

QBS	NUM3	WT3	NUM4	WT4	NUM5	WT5	QTIME	MBTU	HTGNBTD	MBTDYR	UNITS	TOTWT	MBTDADJ	HTGADJ
1						1	123864	84173					123864	84173
2						2	173682	130786					173682	130786
3						3	80286	35832					80286	35832
4						4	61406	14992					61406	14992
5						5	130309	91484					130309	91484
6						6	158631	117739					158631	117739
7						7	62667	26652					62667	26652
8						8	55734	14992					55734	14992
9						9	115831	76671					115831	76671
10						10	157455	119409					157455	119409
11						11	61269	25266					61269	25266
12	0	0	0	0	0	12	47998	9145			55367	14850515	47998	9145
13	1774	3548000	0	0	0	13	78998	44390			23280	11306900	78998	44390
14	0	0	0	0	0	14	184680	146937			0	0	184680	146937
15						15	55462	22240					55462	22240
16	490	245000	0	0	0	16	46218	10446					46218	10446
17	604	302000	9102	532240	0	17	77058	44041					77058	44041
18	2131	3350000	6707	391200	0	18	206843	169924					206843	169924
19	2148	3591000	39936	2350110	0	19	77201	43531					77201	43531
20						20	52267	15547					52267	15547
21	1709	2809000	8949	528300	0	21	105375	74186					105375	74186
22	20143	10901000	0	0	12123	22	156748	125220					156748	125220
23	7422	3711000	0	0	0	23	42585	12241					42585	12241
24	12450	6225000	0	0	12514	24	44128	6257					44128	6257
25	4613	2306500	0	0	9673	25	107458	77532					107458	77532
26	3691	3957000	0	0	4906	26	150500	118727					150500	118727

PROCESS ENERGY ANALYSIS - MCALFESTER AAP

OBS	QTR	FYEAR	HDD	CDU	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MCGAS	LRRFRC	NUM1	WT1	NUM2	WT2	NUM3
27	3RD	FY81	115	628	127	22562	9967	0	0	0	250	10601	291.667	0	0	5.3084	2654200	15052
28	4TH	FY81	25	1191	128	30102	9165	0	0	0	0	10858	264.000					
29	1ST	FY82	1373	49	129	26041	82589	0	0	0	553	9181	310.667	4652	2.12600	171980	859900	41050
30	2ND	FY82	2000	27	130	32666	135827	0	0	0	1142	11060	325.667	80	80	298	362700	20375
31	3RD	FY82	288	461	131	27678	31989	0	0	0	250	11208	350.000	144	4750	2257569	23037264	31535
32	4TH	FY82	28	1252	132	31157	14111	0	0	0	0	12026	227.000	0	0	7328114	40814288	18603
OBS	WT3	WT4	NUM4	WT5	QTIME	MBTU	MTGMBTU	MBTU/YR	UNITS	TOTWT	MBTUADJ	MTGADJ						
27	8.140500	0	0	606570	27	43380	10217	42585	75099	11701270	44207	11044						
28					28	50125	9165	44128			50305	9345						
29	24846992	241782	25859	11550	29	118364	83142	107458	243772	26192824	128242	93020						
30	18313744	74887	131381	17350	30	180695	136969	150500	152481	18768761	195083	151357						
31	24051984	621505	758265	2463872	31	71125	32239	43380	3106051	50179375	73197	34311						
32	11972100	577889	1014111	3231810	32	57294	14111	50125	8477585	56596087	57495	14312						

OBS	QTR	FYEAR	HDD	CDD	TIME	ELFC	NATGAS	COAL	PPG	INW	FSX	MNGAS	LBRTKC	NUM1	WT1	NUM2	WT2	NUM3
1	1ST	FY75	1345	52	101	51353	0	64891	0	0	0	11629	3088 00	3672746	18838528	15288	12194750	5369644
2	2ND	FY75	1779	6	102	58325	0	72265	0	0	0	13078	3149 00	6050030	23018896	14002	11210570	6301981
3	3RD	FY75	247	579	103	54787	0	38197	0	0	0	13031	3150 33	3646623	25437296	15356	12287530	7568777
4	4TH	FY75	68	1032	104	55123	0	25550	0	0	22895	12206	2685 33	3352889	29216592	53448	8568508	6180007
5	1ST	FY76	1219	81	105	49775	0	59336	0	0	75191	13441	2525 00	1771902	25168768	77277	6693114	5004023
6	2ND	FY76	1590	29	106	50030	0	57665	0	0	89226	13897	1804 00	726902	15319879	5549	4515200	3907002
7	3RD	FY76	277	361	107	34278	0	24801	0	0	25325	10091	1288 67	310346	12624630	3552	3031090	176164
8	4TH	FY76	31	754	108	31907	0	17034	0	0	12106	9598	1264 00	280743	11299265	3556	3337610	2086735
9	1ST	FY77	1939	10	109	34324	0	54297	0	0	57525	9003	1249 33	281318	11838213	3924	3488000	1647447
10	2ND	FY77	2279	11	110	40635	0	54912	0	0	66314	8962	1237 00	363160	15520817	4000	3491260	53998
11	3RD	FY77	158	698	111	29313	0	18828	0	0	14032	8526	1230 33	314851	13711248	4329	3509210	218649
12	4TH	FY77	3	1282	112	32074	0	10152	0	0	6338	9104	1224 33	281748	11715210	3576	2892480	318950
13	1ST	FY78	1493	17	113	30740	0	71208	0	0	37201	8914	1244 33	292149	11564649	3543	2877780	439455
14	2ND	FY78	2704	1	114	40635	0	88168	0	0	77792	10011	1345 00	458538	18540816	3692	3001420	631750
15	3RD	FY78	256	546	115	29104	0	61524	0	0	15215	9330	1354 67	391158	15784747	3938	3179230	1383160
16	4TH	FY78	1	1245	116	32619	0	21237	0	0	5172	8625	1330 67	257491	10411198	3670	2991050	421734
17	1ST	FY79	1273	15	117	30694	0	51815	0	0	28316	10421	1312 67	209383	8037018	2782	2267330	322850
18	2ND	FY79	2414	11	118	38466	0	92912	0	0	59485	11714	1279 67	211282	8259911	91	45500	437156
19	3RD	FY79	270	372	119	27434	0	20991	0	0	11615	9090	1287 67	190924	7645417	128	64000	1526951
20	4TH	FY79	5	949	120	28942	0	16936	0	0	3210	10385	1297 33	261714	10746895	189	94500	1197681
21	1ST	FY80	1390	44	121	31610	0	38910	0	0	29478	9693	1291 33	249081	8860772	177	88503	1106358
22	2ND	FY80	2196	0	122	35496	0	58033	0	0	55934	9842	1280 67	417456	10016306	383	303010	1528458
23	3RD	FY80	278	470	123	28814	0	15190	0	0	8557	8846	1275 00	843501	10833140	0	0	1563216
24	4TH	FY80	9	1433	124	33779	0	12707	0	0	4805	9001	1256 67	614989	9433140	0	0	1567911
25	1ST	FY81	1485	45	125	30404	0	32496	0	0	30135	8293	1276 00	500945	9186271	0	0	1239868
26	2ND	FY81	2067	1	126	37003	0	51298	0	0	48484	9298	1277 33	435399	10213640	578	471070	958999
OBS	WT3	NUM4	WT4	NUM5	WT5	QTIME	MBTU	HICMBTU	MBTU/HR	UNITS	TOTWT	MBTUADJ	HIGADJ	ELECADJ				
1	1213744	3822356	5167229	3458970	173274848	1	127873	64891	16339004	210689109	127873	64891	51353	0				
2	1428899	4007213	5857179	1752389	81385232	2	143668	72265	18125615	122700726	143668	72265	58325	0				
3	1744318	3515098	6004653	2436723	128076544	3	106015	38197	17182577	173550161	106015	38197	54787	0				
4	1806994	3603682	5381732	768138	37675696	4	115774	48445	13958164	82649522	115774	48445	55123	0				
5	1748870	3309640	5596196	116000	92729	5	197743	174527	10278842	19299677	197743	134527	49775	0				
6	1800945	2009585	4186310	10500	18300	6	210818	146891	6659538	26459844	210818	146891	50030	0				
7	216888	186027	377387	137116	65151	7	94495	50126	676085	16240995	94495	50126	34278	0				
8	264728	185506	396604	481668	412214	8	72645	29140	2693656	15161358	72645	29140	33907	0				
9	221785	68213	145650	363678	910992	9	155149	111822	2482580	16105862	155149	111822	34324	0				
10	321013	249595	482275	363678	910992	10	170823	121226	210818	20726357	170823	121226	40635	0				
11	108454	292684	560835	398670	1079814	11	70699	32860	94495	1229193	18871961	70699	29313	0				
12	3190	343892	466719	359062	538702	12	57668	16490	1307228	15646301	57668	16490	32074	0				
13	33819	291550	561932	155000	617000	13	148063	108409	155149	1181697	15655180	148063	108409	30740	0			
14	35289	171411	350084	132400	955429	14	216606	165960	170823	1397791	22881018	216606	165960	40635	0			
15	251554	186151	378835	1424835	1315807	15	115173	76739	70699	3389242	20910173	115173	76739	29104	0			
16	154405	773224	1461595	1850138	1346981	16	67653	26409	57668	3306267	16387229	67653	26409	32619	0			
17	322450	791584	1501869	77113	434863	17	121246	80131	148063	1403712	12561930	121246	80131	30694	0			
18	355071	666655	1207260	90312	1142617	18	202577	152397	216606	1405496	11011259	202577	152397	38466	0			
19	420715	476311	814766	161389	41081	19	69130	32606	115173	2355703	8985979	69130	32606	27434	0			
20	425408	494895	771535	21510	21510	20	59473	20146	67653	1975989	12059848	59473	20146	28942	0			
21	408581	433440	705543	0	0	21	109691	68388	121246	1789056	16881396	109691	68388	31610	0			
22	43914	492318	865473	1398	1398	22	159365	114027	202577	2440013	1162114	159365	114027	35496	0			
23	432552	220167	296604	500000	250000	23	61407	23747	69130	3126884	11810296	61407	23747	28814	0			
24	546412	149689	199152	5792	5792	24	60293	17513	59473	2338381	10084196	60293	17513	33779	0			
25	352542	312119	452334	0	0	25	101328	62631	109691	2052932	10191147	101328	62631	30404	0			
26	391105	363873	524828	0	0	26	146093	99792	159365	1758849	11602841	146093	99792	37003	0			

PROCESS ENERGY ANALYSIS - MILAN AAP

OBS	QIR	FYEAR	IADD	CDD	TIME	ELEC	NATGAS	COAL	PIG	IW	FSX	MOGAS	LBRFC	NUM1	W11	NUM2	WT2	NUM3
27	3RD	FY81	193	535	127	29603	0	16346	0	0	6754	8753	1272 00	711150	10256046	168	136920	1302574
28	4TH	FY81	42	975	128	31819	0	13641	0	0	3479	9350	1281 33	528107	10608057	0	0	474942
29	1ST	FY82	1440	42	129	32654	0	29447	0	0	34042	8438	1277 33	382404	11255963	0	0	309198
30	2ND	FY82	2079	37	130	38790	0	51373	0	0	64407	9374	1252 00	305508	10679111	0	0	468388
31	3RD	FY82	317	459	131	30856	0	17992	0	0	11946	8213	1231 00	734714	12101748	0	0	195933
32	4TH	FY82	30	999	132	37490	0	17476	0	0	7031	7719	1273 67					
OBS	WT3	NUM4	WT4	NUM5	WTS	QTIME	MBTU	HTGMBTU	MBTUIYR	UNITS	TO1W1	MBTUADJ	HTGADJ	ELECADJ				
27	427602	267567	385512	0	0	27	61456	23100	61407	2281459	11206080	61456	23100	29603 0				
28						28	58289	17120	60293	1492025	11632972	58289	17120	31819 0				
29	334971	488976	689944	0	0	29	104581	63489	101328	1241132	17610917	104581	63489	32654 0				
30	274542	449466	676976	100064	5403456	30	163944	115780	146093	1241132	17610917	163843	120658	38811 5				
31	397573	524947	737552	16	864	31	69007	29938	61456	1298859	11815102	70017	30682	31122 4				
32	167596	365445	548168	0	0	32	65716	24507	58289	1296092	13017512	66366	24577	34069 8				

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PROCESS ENERGY ANALYSIS NEWPORT AAP

OBS	QTR	FYEAR	HDD	CO2	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MUGAS	LURFRC	QTIME	MBTU	MBTUADJ	MBTUADJ
1	1ST	FY75	2039	5	101	32909	1550	0	0	0	47532	2619	279	667	1	84610	84610.0
2	2ND	FY75	2800	0	102	25079	976	0	532	0	56584	2257	248	000	2	85428	85428.0
3	3RD	FY75	581	325	103	21425	3118	0	0	0	23370	2204	214	333	3	50117	50117.0
4	4TH	FY75	145	707	104	19883	5721	0	0	0	52	1968	207	667	4	27624	27624.0
5	1ST	FY76	1831	14	105	20242	0	0	96	0	33401	2083	212	667	5	55822	55822.0
6	2ND	FY76	2583	0	106	19464	0	0	558	0	47724	2038	210	667	6	84610	84610.0
7	3RD	FY76	567	234	107	14766	0	0	112	0	10211	2042	205	667	7	85428	85428.0
8	4TH	FY76	81	532	108	13549	0	0	0	0	2726	1980	108	333	8	50117	50117.0
9	1ST	FY77	2656	4	109	15579	0	0	0	0	41789	2175	184	000	9	27624	27624.0
10	2ND	FY77	3285	3	110	17771	0	0	0	0	53707	2181	189	000	10	55822	55822.0
11	3RD	FY77	340	483	111	12575	0	0	0	0	7124	1952	188	667	11	70284	70284.0
12	4TH	FY77	30	871	112	9651	265	0	0	0	0	2219	221	667	12	27131	27131.0
13	1ST	FY78	2005	6	113	11275	0	0	0	0	31531	2304	227	000	13	18255	18255.0
14	2ND	FY78	3629	0	114	18688	0	0	0	0	50771	2448	221	667	14	27624	27624.0
15	3RD	FY78	446	396	115	15080	0	0	0	0	9395	2209	237	667	15	55822	55822.0
16	4TH	FY78	36	903	116	13305	80	0	0	0	0	2386	237	000	16	73659	73659.0
17	1ST	FY79	1892	1	117	13294	0	0	0	0	31618	2631	226	000	17	27131	27131.0
18	2ND	FY79	3406	0	118	17760	0	0	0	0	58844	3102	230	333	18	18255	18255.0
19	3RD	FY79	630	261	119	13270	987	0	0	0	12198	1990	237	667	19	79706	79706.0
20	4TH	FY79	103	597	120	12203	991	0	0	0	285	2073	264	333	20	28445	28445.0
21	1ST	FY80	2018	24	121	15160	15775	0	0	0	15220	2436	268	667	21	15553	15553.0
22	2ND	FY80	3240	0	122	18595	30566	0	0	0	19531	2736	280	000	22	48591	48591.0
23	3RD	FY80	603	239	123	14013	8272	0	0	0	192	2343	283	333	23	71428	71428.0
24	4TH	FY80	45	932	124	10287	50	0	0	0	238	2191	279	667	24	24820	24820.0
25	1ST	FY81	2194	6	125	13004	39425	0	0	0	0	2402	290	000	25	12766	12766.0
26	2ND	FY81	2937	1	126	16960	46509	0	300	0	0	2787	300	667	26	54831	54831.0
27	3RD	FY81	425	308	127	12250	6906	0	24	0	0	2547	299	333	27	66556	66556.0
28	4TH	FY81	95	669	128	12169	0	0	0	0	0	2166	292	000	28	21727	21727.0
29	1ST	FY82	2135	5	129	14280	34557	0	0	0	0	2706	292	333	29	14335	14335.0
30	2ND	FY82	3153	0	130	17631	46206	0	0	0	5697	2843	297	000	30	51543	51543.0
31	3RD	FY82	530	255	131	13386	9421	0	0	0	0	2365	297	000	31	72377	72377.0
32	4TH	FY82	112	668	132	11994	0	0	0	0	0	2011	300	000	32	25172	25172.0
																14005	14485.5

PROCESS ENERGY ANALYSIS - PICATINNY ARSENAL

OBS	QTR	FYEAR	IND	CDD	TIME	PURELC	GENELC	TOTSTM	PPG	ELSTM	FSX	MURAS	IRPTIC	NUM1	WT1	NUM2
1	1ST	FY75	2026	0	101	37468	75446	4	131	54744	451785	7197		3680	30176	
2	2ND	FY75	2787	0	102	31633	83682	4	191	60907	474184	7632		15234	118775	105532
3	3RD	FY75	694	233	103	29580	69750	8	102	51611	525450	7972		9083	74481	0
4	4TH	FY75	129	544	104	61538	57628	8	151	29990	229045	7399	15802	0	0	0
5	1ST	FY76	1734	14	105	44683	65980	8	170	35949	356228	6539	15536	0	0	0
6	2ND	FY76	2795	0	105	28640	89030	0	197	47963	597220	7468	15270	0	0	0
7	3RD	FY76	661	319	107	50008	70586	0	151	37326	385228	6817	15078	0	0	0
8	4TH	FY76	111	476	108	71595	50947	2	1553	26565	182810	6351	14435	0	0	0
9	1ST	FY77	2446	2	109	43024	66015	6	2033	35382	450571	5572		0	0	0
10	2ND	FY77	2982	4	110	43338	70736	8	2392	38057	591763	7516		0	0	29
11	3RD	FY77	546	267	111	44405	69217	2	1715	35548	353985	6948		123	154	149
12	4TH	FY77	66	709	112	63440	64148	0	1363	32946	216049	8396		0	0	18
13	1ST	FY78	2056	6	113	45205	67570	0	2032	35742	414463	7697	15007	0	0	0
14	2ND	FY78	3299	0	114	42340	75330	4	2166	40153	590605	8623	15461	0	0	0
15	3RD	FY78	634	261	115	64310	64890	4	1957	34363	363538	9208	15604	0	0	0
16	4TH	FY78	103	587	116	72430	62674	8	1178	31234	226644	8784	15939	0	0	0
17	1ST	FY79	1953	0	117	52734	71827	2	433	38128	395324	8479	15709	0	0	0
18	2ND	FY79	3016	0	118	58708	76026	4	604	40066	548325	11142	15826	0	0	0
19	3RD	FY79	614	169	119	78196	57315	6	276	30396	338011	8513	15064	0	0	0
20	4TH	FY79	111	634	120	96477	44158	4	450	22881	206218	12511	15965	0	0	0
21	1ST	FY80	1779	8	121	71897	60204	0	359	31539	380958	8629	15787	0	0	0
22	2ND	FY80	2953	0	122	67802	66198	4	865	36478	508309	9552	15604	0	0	0
23	3RD	FY80	484	206	123	70066	58464	0	210	28885	341723	6649	15724	0	0	0
24	4TH	FY80	26	995	124	122740	25508	4	196	12436	166592	8737	15660	0	0	0
25	1ST	FY81	2120	6	125	122032	1716	8	298	1698	320976	10595	15510	0	0	0
26	2ND	FY81	2931	0	126	68057	66201	2	755	34895	459782	12492	15416	0	0	0

HTGADJ

MRTUADJ

UNITS

MRTUADJ

FIEC

HTGADJ

MRTU

QTIME

WT3

NUM3

WT2

OBS

OBS

OBS

PROCESS ENERGY ANALYSIS - PINE BLUFF ARSENAL

URS	QTR	FYEAR	UID	CUID	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MUGAS	NUM1	WT1	NUM2
1	1ST	FY75	1146	50	101	22817	117476	0	0	0	4235	8592	286870	5631503	0
2	2ND	FY75	1695	10	102	24870	135065	0	0	0	17259	7328	247095	5023642	199816
3	3RD	FY75	201	714	103	28014	92191	0	0	0	1031	7270	104121	5897121	100500
4	4TH	FY75	48	1108	104	28338	63652	0	0	0	1631	7618	13401	5173295	209584
5	1ST	FY76	1225	89	105	22435	102629	0	0	0	7211	8164	191346	8211485	0
6	2ND	FY76	1420	32	106	24419	112618	0	0	0	27640	7825	170054	7664491	258015
7	3RD	FY76	216	394	107	21193	91037	0	0	0	303	8297	226060	10222815	169232
8	4TH	FY76	1	1134	108	28338	56416	0	0	0	291	8001	251132	8492267	81688
9	1ST	FY77	1534	42	109	21379	91520	0	0	0	26493	8023	128602	5123584	54784
10	2ND	FY77	1808	7	110	23200	37189	0	0	0	67657	8291	185127	3256683	38627
11	3RD	FY77	80	809	111	23305	49986	0	0	0	34576	7409	59596	2116077	187669
12	4TH	FY77	0	1396	112	31725	40709	0	0	0	420	7517	60594	2542524	204256
13	1ST	FY78	1184	54	113	21484	74337	0	0	0	4508	7410	39606	1616362	122519
14	2ND	FY78	2321	9	114	25915	70476	0	0	0	79791	9277	20527	868620	234305
15	3RD	FY78	116	781	115	27504	51010	0	0	0	227	7901	49752	1140871	217592
16	4TH	FY78	0	1521	116	33606	33285	0	0	0	297	7429	17460	749183	244741
17	1ST	FY79	1106	47	117	26378	72323	0	0	0	8842	15864	26550	1139525	327677
18	2ND	FY79	2129	24	118	27643	79765	0	0	0	66778	74741	32516	1610186	411683
19	3RD	FY79	123	622	119	27980	52486	0	0	0	1806	9160	14251	0	485279
20	4TH	FY79	0	1184	120	33165	31915	0	0	0	367	8560	14251	1152315	484820
21	1ST	FY80	1104	96	121	26332	70913	0	0	0	140	8368	27174	2168183	420711
22	2ND	FY80	1788	2	122	28849	110257	0	0	0	5802	8254	26846	2544051	200856
23	3RD	FY80	157	677	123	30508	46321	0	0	0	972	7503	24472	2319945	194967
24	4TH	FY80	16	1845	124	40253	42986	0	0	0	594	7963	11794	1279184	332517
25	1ST	FY81	1294	55	125	29278	90301	0	0	0	0	8314	5030	247399	285025
26	2ND	FY81	1727	9	126	34080	137335	0	0	0	1136	9372	106044	448034	275108
URS	WT2	WT3	NUM3	WT4	QTIME	MRTU	HTGMRTU	MRTUVR	UNITS	TOTWT					
1	0	0	0	0	1	153120	121711		286870	5631503					
2	306437	0	0	0	2	184523	152325		457651	5351559					
3	183427	0	0	0	3	128506	93222		268621	6080548					
4	691365	0	0	0	4	101239	65283		358547	5875780					
5	0	0	0	0	5	140639	109840	153120	208513	8237619					
6	308064	0	0	0	6	172502	140258	184521	428069	7972555					
7	214872	0	0	0	7	120830	91340	128506	396192	10437687					
8	132204	0	0	0	8	93046	56707	101239	347200	8653231					
9	82176	0	0	0	9	147415	118013	140639	422566	5325350					
10	70301	0	0	0	10	136537	105046	172502	451818	3600077					
11	336432	0	0	0	11	115276	84562	120830	337870	2601917					
12	362289	0	0	0	12	80391	41129	91046	327050	2969273					
13	222984	0	0	0	13	107739	78845	147415	348443	2000462					
14	406078	0	0	0	14	185459	150267	136517	291711	1348456					
15	388605	0	0	0	15	86642	51237	115276	333504	1621796					
16	315510	0	0	0	16	74617	33582	80391	311961	1164413					
17	211592	0	0	0	17	123407	81165	107739	365707	1366085					
18	418134	0	0	0	18	248530	146144	185459	449199	2028320					
19	339367	0	0	0	19	91432	54292	86642	485239	339367					
20	428926	0	0	0	20	74027	32302	74617	499071	1581241					
21	309710	0	0	0	21	105753	71053	123407	447885	2478093					
22	205146	0	0	0	22	153162	116059	248530	227692	2749197					
23	190551	0	0	0	23	85304	47293	91432	219439	2510496					
24	243912	0	0	0	24	91396	43180	74027	346311	1923296					
25	265748	0	0	13704	25	127913	90301	105753	296907	526851					
26	271454	6852	68253	523957	26	181923	138471	153162	447405	1241445					

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PROCESS ENERGY ANALYSIS PINE BLUFF ARSENAL

ORS	QIR	FYEAR	HDD	CDD	TIME	ELEC	NATGAS	COAL	PRG	HW	FSX	NUGAS	NUM1	WT1	NUM2
27	3RD	FY81	82	706	127	33222	54106	0	0	0	0	8078	12529	1187749	99040
28	4TH	FY81	4	1368	128	38582	39128	0	0	0	0	8444			
29	1ST	FY82	1132	80	129	27434	77549	0	0	0	0	8302	25500	127500	245321
30	2ND	FY82	1801	57	130	31470	130447	0	0	0	0	8110	9829	38267	290168
31	3RD	FY82	229	629	131	31912	50796	0	0	0	0	8100	0	0	494781
32	4TH	FY82	12	1404	132	36064	29012	0	0	0	0	7572	39400	3717517	159466
ORS	WT2	NUM3	WT3	NUM4	WT4	QTIME	MBTU	HTGMBTU	MBTU1YR	UNITS	TOTWT				
27	79678	1334000	1334000	2595	5190	27	95406	54106	85304	1448164	2606617				
28						28	86154	39128	91396						
29	332303	17	17	0	0	29	113285	77549	127913	270838	459820				
30	387074	4	4	0	0	30	170027	130447	181923	300001	425345				
31	752241	601	601	0	0	31	91008	50796	95406	495382	752842				
32	239856	0	0	0	0	32	72648	29012	86154	198866	3957373				

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PROCESS ENERGY ANALYSIS

RIVERBANK AAP

OBS	QTR	FYEAR	IBDD	CDD	TIME	ETC	NATGAS	COAL	PPG	HW	FSX	MUGAS	LBRRRC	UNITS	101WI	QTIME	MBTU	HTGMHTU	MBTU/YR
1	1ST	FY75	1099	96	101	59950	47074	0	1113	0	0	1629	591 333	0	0	1	109776	48187	
2	2ND	FY75	1569	0	102	59508	51938	0	2515	0	0	1664	673 000	0	0	2	115625	54453	
3	3RD	FY75	397	393	103	61584	44801	0	318	0	0	1347	679 667	0	0	3	108070	45139	
4	4TH	FY75	1	947	104	56260	44007	0	313	0	0	1441	490 333	0	0	4	102021	44320	
5	1ST	FY76	1182	36	105	10045	8211	0	269	0	0	603	270 000	0	0	5	19128	8480	109776
6	2ND	FY76	1433	0	106	11218	1346	0	353	0	0	562	231 333	0	0	6	13479	1699	115625
7	3RD	FY76	388	329	107	6566	733	0	443	0	0	557	223 333	0	0	7	8299	1176	108070
8	4TH	FY76	0	953	108	6229	313	0	385	0	0	394	198 000	0	0	8	7321	698	102021
9	1ST	FY77	865	121	109	5788	967	0	500	0	0	525	179 000	0	0	9	7780	1467	19128
10	2ND	FY77	1322	0	110	5951	2767	0	0	0	0	339	125 000	0	0	10	9057	2767	13479
11	3RD	FY77	141	457	111	7528	142	0	0	0	0	284	135 667	0	0	11	7954	112	8799
12	4TH	FY77	2	1125	112	8224	2	0	0	0	0	279	125 000	0	0	12	8505	2	7321
13	1ST	FY78	776	95	113	8410	726	0	0	0	0	294	119 000	0	0	13	9430	726	7780
14	2ND	FY78	998	0	114	12250	3412	0	0	0	0	344	147 000	0	0	14	16006	3412	9057
15	3RD	FY78	228	393	115	11658	3941	0	0	0	0	258	167 333	0	0	15	15857	3941	7954
16	4TH	FY78	3	1069	116	14604	3813	0	1831	0	0	310	157 333	0	0	16	20560	5646	8505
17	1ST	FY79	1144	142	117	20509	6383	0	0	0	0	482	169 000	0	0	17	27374	6383	9430
18	2ND	FY79	1251	0	118	23618	7879	0	228	0	0	405	178 667	8	31	18	32130	8107	16006
19	3RD	FY79	153	501	119	27689	10788	0	333	0	0	495	227 000	63	235	19	39305	11121	15857
20	4TH	FY79	0	1188	120	34881	12944	0	257	0	0	468	285 000	175	616	20	48550	13201	20560
21	1ST	FY80	916	104	121	36575	16184	0	0	0	0	607	268 333	85	318	21	53366	16184	27374
22	2ND	FY80	1118	0	122	41725	20471	0	0	0	0	626	242 000	749	444	22	62822	20471	32130
23	3RD	FY80	197	293	123	38524	20581	0	0	0	0	541	247 667	1749	977	23	59646	20581	39305
24	4TH	FY80	5	1025	124	41621	23373	0	20	0	0	675	269 667	2256	1458	24	65689	23393	48550
25	1ST	FY81	1029	126	125	42676	17285	0	0	0	0	746	251 000	2676	1247	25	60707	17285	53366
26	2ND	FY81	1183	0	126	29835	7941	0	0	0	0	420	138 333	1552	714	26	38196	7941	62822
27	3RD	FY81	160	681	127	9964	3887	0	0	0	0	84	69 000	0	0	27	13935	3887	59646
28	4TH	FY81	0	1052	128	6810	0	0	1848	0	0	100	71 667	0	0	28	8758	1848	65689
29	1ST	FY82	856	9	129	12354	212	0	0	0	0	170	71 667	0	0	29	12736	212	60707
30	2ND	FY82	1509	0	130	6241	81	0	73	0	0	151	70 000	0	0	30	6546	154	38196
31	3RD	FY82	276	268	131	13862	1840	0	0	0	0	305	100 333	0	0	31	16007	1840	13935
32	4TH	FY82	9	895	132	14988	4453	0	616	0	0	300	114 333	0	0	32	20357	5069	8758

OBS	QTR	FYEAR	IBDO	CDID	TIME	FLTC	NATGAS	COAL	PPG	HW	FSX	MOCAS	LBRFRG	QTIME	MBTU	HTGMBTU	MBTU/YR
1	1ST	FY75	1672	23	101	22318	5615	0	0	0	647	1775	172.000	1	30355	6262	
2	2ND	FY75	2747	0	102	27109	11557	0	0	0	2248	1454	177.667	2	42368	13805	
3	3RD	FY75	414	356	103	22376	2818	0	0	0	891	1937	191.667	3	28022	3709	
4	4TH	FY75	98	1093	104	22666	504	0	0	0	7514	1727	199.000	4	32411	8018	
5	1ST	FY76	1689	63	105	26077	762	0	0	0	9326	2011	235.333	5	38176	10088	30355
6	2ND	FY76	2152	2	106	26761	1064	0	0	0	12827	2499	238.667	6	43151	13891	42368
7	3RD	FY76	413	321	107	21958	260	0	0	0	979	1858	251.333	7	25055	1239	28022
8	4TH	FY76	38	1071	108	24082	12	0	0	0	315	1874	250.667	8	26283	327	32411
9	1ST	FY77	2169	23	109	28345	1211	0	33	0	11511	2420	245.667	9	43520	12755	38176
10	2ND	FY77	2355	3	110	27817	1127	0	37	0	15774	2164	250.000	10	46919	16938	43151
11	3RD	FY77	182	575	111	18026	214	0	0	0	1620	2100	274.000	11	21960	1814	25055
12	4TH	FY77	1	1239	112	29035	402	0	0	0	1911	1984	279.333	12	33332	2313	26283
13	1ST	FY78	1660	24	113	34539	485	0	21	0	55705	2331	278.000	13	93081	56211	43520
14	2ND	FY78	3187	6	114	32259	99	0	21	0	24488	3108	286.000	14	59975	24608	46919
15	3RD	FY78	312	508	115	25404	208	0	4	0	1211	2257	325.000	15	29084	1423	21960
16	4TH	FY78	18	1505	116	29858	590	0	0	0	9634	2284	316.000	16	42366	10224	33332
17	1ST	FY79	1824	28	117	33031	207	0	8	0	23836	3134	303.000	17	60216	24051	93081
18	2ND	FY79	3194	5	118	33710	461	0	25	0	28951	2956	336.000	18	66103	29437	53975
19	3RD	FY79	440	389	119	28165	107	0	0	0	4391	2987	398.000	19	35650	4498	29084
20	4TH	FY79	10	1202	120	29122	0	0	4	0	1136	2452	441.333	20	32714	1140	42366
21	1ST	FY80	1684	67	121	63974	108350	52232	37388	0	22920	3213	479.667	21	288077	220890	60216
22	2ND	FY80	2824	0	122	67715	59285	157214	20000	0	4107	3192	522.667	22	711513	240606	66103
23	3RD	FY80	434	534	123	41859	16361	51569	0	0	19095	2698	594.000	23	131582	87025	35650
24	4TH	FY80	28	1771	124	62565	66096	0	24924	0	4689	2703	596.000	24	160977	95709	32714
25	1ST	FY81	1638	53	125	58186	154033	0	0	0	21529	3336	585.333	25	237084	175562	288077
26	2ND	FY81	2179	0	126	89447	115502	44824	8308	0	28881	3464	608.667	26	290426	197515	311513
27	3RD	FY81	230	521	127	57571	8021	7952	4154	0	91092	3207	629.333	27	171997	111219	131582
28	4TH	FY81	24	1234	128	49672	43332	0	8308	0	9632	3342	592.667	28	114287	61273	160977
29	1ST	FY82	1819	17	129	55309	31741	0	0	0	88096	4124	557.333	29	179270	119837	237084
30	2ND	FY82	2830	1	130	62791	190388	0	24925	0	9368	3839	549.333	30	291311	224681	290426
31	3RD	FY82	427	269	131	36737	71593	0	8309	0	913	3251	534.000	31	120803	80815	171997
32	4TH	FY82	37	1303	132	28849	24843	0	16617	0	727	2960	519.000	32	73996	42187	114287

QTR	FYEAR	MOD	CDD	TIME	ELEC	NATGAS	COAL	PPG	HW	FSX	MUGAS	LBRCRC	QTIME	MBTU	HIGHBTU	MBTU/HR	MRTUADJ	HICADJ
1	1ST FY75	2652	1	101	175230	225181	0	15	0	105084	1733	1043	00	1	507243	330280	507243	330280
2	2ND FY75	4264	0	102	185890	182773	0	43	0	204333	1958	1044	33	2	574997	387149	574997	387149
3	3RD FY75	1002	225	103	158270	184138	0	27	0	37306	1544	822	00	3	381285	221471	381285	221471
4	4TH FY75	253	605	104	130291	149788	0	15	0	332	1318	721	00	4	281744	150135	281744	150135
5	1ST FY76	2551	16	105	125211	172704	0	36	0	117053	1895	736	67	5	416900	289793	507243	416900
6	2ND FY76	3755	0	106	114295	161003	0	15	0	189115	2100	658	67	6	465528	350133	574997	465528
7	3RD FY76	611	251	107	74576	103653	0	15	0	2063	1309	228	33	7	181616	105731	381285	181616
8	4TH FY76	166	692	108	49868	59034	0	0	0	1276	1091	195	33	8	111269	60310	281744	111269
9	1ST FY77	3314	7	109	52304	16269	0	0	0	172165	1219	152	33	9	241957	188434	416900	241957
10	2ND FY77	4029	0	110	55518	45435	0	0	0	166764	1400	136	33	10	269117	212199	465528	269117
11	3RD FY77	457	286	111	58708	58835	0	0	0	8742	979	134	67	11	127264	67577	181616	127264
12	4TH FY77	180	405	112	65784	44581	0	0	0	361	893	132	33	12	111619	44942	111269	111619
13	1ST FY78	3129	0	113	78150	83032	0	0	0	83981	1125	132	33	13	246288	167013	241957	246288
14	2ND FY78	4410	0	114	89111	16897	0	0	0	183755	1238	132	33	14	291001	200652	269117	291001
15	3RD FY78	792	210	115	86919	61455	0	0	0	31143	1024	133	33	15	180541	92598	127264	180541
16	4TH FY78	101	601	116	84900	48748	0	0	0	105	887	132	67	16	134640	48853	111619	134640
17	1ST FY79	2970	0	117	85319	56619	0	0	0	112436	1221	132	67	17	255595	169055	246288	255595
18	2ND FY79	4563	0	118	93427	8980	0	0	0	199389	1627	130	00	18	303423	208369	291001	303423
19	3RD FY79	968	130	119	84030	52517	0	0	0	35205	959	127	33	19	172712	87723	180541	172712
20	4TH FY79	129	521	120	81206	41885	0	0	0	227	839	128	67	20	124157	42112	134640	124157
21	1ST FY80	2761	0	121	83172	124827	0	0	0	28080	1038	128	00	21	237117	152907	255595	237117
22	2ND FY80	4137	0	122	80875	117032	0	0	0	76849	1304	130	00	22	276060	193881	303423	276060
23	3RD FY80	702	219	123	73417	29436	0	0	0	44894	1008	128	67	23	148755	74330	172712	148755
24	4TH FY80	206	554	124	72222	40913	0	0	0	0	954	128	33	24	114089	40913	124157	114089
25	1ST FY81	2852	1	125	74124	148306	0	0	0	12901	1058	127	67	25	236389	161707	237117	236389
26	2ND FY81	3451	0	126	70644	144445	0	0	0	38581	1037	124	67	26	254707	183026	276060	261262
27	3RD FY81	749	106	127	70192	83401	0	0	0	192	913	127	67	27	154698	83593	148755	156434
28	4TH FY81	194	379	128	77071	32857	0	0	0	10128	986	128	00	28	121042	42985	114089	121788
29	1ST FY82	2833	0	129	80017	149937	0	0	0	553	1140	127	67	29	231647	150490	236389	237100
30	2ND FY82	4430	0	130	83996	134604	0	0	0	66715	1435	126	67	30	286750	201319	254707	295051
31	3RD FY82	817	86	131	79738	80632	0	0	0	23	1236	128	67	31	161629	80655	154698	163487
32	4TH FY82	182	623	132	85237	41950	0	0	0	210	770	129	67	32	128167	42160	121042	128892

PROCESS ENERGY ANALYSIS - VOLUNTEER AAP

QBS	QIR	FYEAR	HDD	CDD	TIME	FILEC	NATGAS	COAL	PPG	HW	FSX	MOCAS	LBRFC	QTIME	NRUU	HTGMRTU	MBTU/YR
1	1ST	FY75	1513	10	101	161832	308762	0	3082	0	163077	5465	707.667	1	642218	474921	
2	2ND	FY75	1860	0	102	119155	262301	0	0	0	106602	4473	542.333	2	492591	368963	
3	3RD	FY75	304	382	103	110177	305052	0	0	0	13199	3292	473.000	3	411720	318251	
4	4TH	FY75	53	955	104	59776	112169	0	115	0	157	1890	470.333	4	174097	112411	
5	1ST	FY76	1411	28	105	107752	221857	0	4410	0	118271	4248	475.000	5	456538	344518	642218
6	2ND	FY76	1744	1	106	167922	285208	0	20341	0	162896	4237	483.000	6	640604	468445	497591
7	3RD	FY76	269	309	107	140615	301641	0	57	0	565	3649	486.667	7	446527	302263	431720
8	4TH	FY76	11	847	108	142703	332143	0	0	0	846	3595	497.000	8	479277	332989	174097
9	1ST	FY77	1781	8	109	148642	234789	0	25198	0	213562	4105	499.000	9	626296	473549	456538
10	2ND	FY77	2155	9	110	102776	30454	0	33755	0	241953	4048	464.333	10	412986	306162	640604
11	3RD	FY77	128	638	111	43929	91088	0	0	0	24023	2552	325.667	11	161592	115111	446527
12	4TH	FY77	5	1430	112	29777	55326	0	0	0	758	2084	237.667	12	87945	56084	479277
13	1ST	FY78	1345	18	113	28803	37254	0	0	0	8406	1891	215.333	13	76354	45660	626296
14	2ND	FY78	2360	0	114	28362	0	0	0	0	763	2027	194.333	14	31152	763	412986
15	3RD	FY78	174	562	115	11484	0	0	0	0	122	2704	205.000	15	14310	122	161592
16	4TH	FY78	0	1264	116	13862	0	0	0	0	308	1470	210.667	16	15640	308	87945
17	1ST	FY79	1128	21	117	21182	0	0	0	0	1345	1592	214.667	17	24119	1345	76354
18	2ND	FY79	2077	0	118	26773	0	0	0	0	793	2105	212.667	18	29671	793	31152
19	3RD	FY79	194	410	119	14303	0	0	0	0	111	1874	211.333	19	16288	111	14310
20	4TH	FY79	0	998	120	12447	0	0	0	0	583	1539	206.667	20	13938	0	15640
21	1ST	FY80	1333	24	121	17551	0	0	0	0	82	1470	202.333	21	19673	583	24119
22	2ND	FY80	2084	0	122	21240	0	0	0	0	337	1690	187.667	22	22792	82	29671
23	3RD	FY80	253	391	123	12795	0	0	0	0	303	1374	184.667	23	14812	337	16288
24	4TH	FY80	24	1402	124	13224	0	0	0	0	0	1690	184.000	24	14851	303	13938
25	1ST	FY81	1432	11	125	18537	0	0	0	0	0	1614	171.333	25	20227	0	19673
26	2ND	FY81	2022	0	126	21727	0	0	0	0	0	1614	171.333	26	23341	0	22792
27	3RD	FY81	151	545	127	12504	0	0	0	0	0	1425	153.000	27	13979	0	14812
28	4TH	FY81	31	1076	128	12552	0	0	56	0	0	1439	150.333	28	14047	56	14851
29	1ST	FY82	1456	23	129	14616	0	0	59	0	0	1202	152.000	29	15877	59	20227
30	2ND	FY82	1858	19	130	20799	0	0	68	0	0	1341	152.333	30	22208	68	23341
31	3RD	FY82	288	476	131	12771	0	0	68	0	0	1394	150.000	31	14233	68	13929
32	4TH	FY82	29	1015	132	11183	0	0	62	0	0	1406	150.000	32	12551	62	14047

PROCESS ENERGY ANALYSIS · WATERVLIET ARSENAL

[illegible]

2 DESCOM RESULTS

DESCOM Monthly Equations

DESCOM Installation Level Equations

monthly data

Installation: Anniston Army Depot

MBTU: no suitable equation

HTGMBTU: $17931.49 + 67.82 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Letterkenny Army Depot

MBTU: $61421.48 + 57.88 \text{ HDD} + 25.21 \text{ CDD}$

HTGMBTU: $14031.46 + 55.82 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Lexington-Blue Grass Army Depot

MBTU: $14070.47 + 39.10 \text{ HDD} + 6.85 \text{ LBRFRC}$

HTGMBTU: $-5154.93 + 41.10 \text{ HDD} + 3.93 \text{ LBRFRC}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: New Cumberland Army Depot

MBTU: $50666.18 + 55.07 \text{ HDD}$

HTGMBTU: $7926.28 + 57.30 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

DESCOM Installation Level Equations

monthly data

Installation: Red River Army Depot

MBTU: $-1851.91 + 75.06 \text{ HDD} + 15.03 \text{ LBRFRC}$

HTGMBTU: $33948.81 + 72.29 \text{ HDD} - 20.63 \text{ CDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Inatallation: Savanna Army Depot

MBTU: $3517.23 + 17.49 \text{ HDD}$

HTGMBTU: $-40.93 + 18.21 \text{ HDD}$

ELEC: $1368.52 + 1.08 \text{ HDD} + 1.81 \text{ CDD} + 3.62 \text{ LBRFRC}$

MOGAS: no suitable equation.

Installation: Seneca Army Depot

MBTU: $17011.45 + 19.00 \text{ HDD}$

HTGMBTU: $1842.75 + 17.71 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Sharpe Army Depot

MBTU: $2158.58 + 10.13 \text{ HDD} + 6.23 \text{ LBRFRC}$

HTGMBTU: $1178.91 + 7.74 \text{ HDD} - 1.97 \text{ CDD}$

ELEC: no suitabel equation

MOGAS: no suitable equation

DESCOM Installation Level Equations

monthly data

Installation: Sierra Army Depot

MBTU: no suitable equation

HTGMBTU: $1384.85 + 15.34 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Inatallation: Tobyhanna Army Depot

MBTU: $34577.26 + 66.4 \text{ HDD}$

HTGMBTU: $12735.53 + 65.23 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Tooele Army Depot

MBTU: $47604.05 + 59.02 \text{ HDD}$

HTGMBTU: $11699.33 + 57.26 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

DESCOM Quarterly Equations

DESCOM Installation Level Equations

quarterly data

Installation: Anniston Army Depot

MBTU: $58457.90 + 67.78 \text{ HDD} + 188.90 \text{ MAINTHR}$

HTGMBTU: $-43329.44 + 71.69 \text{ HDD} + 108.95 \text{ MAINTHR}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Corpus Christi Army Depot

MBTU: no suitable equation

HTGMBTU: no suitable equation

ELEC: $31090.00 + 25.56 \text{ CDD} + 84.65 \text{ MAINTHR}$

MOGAS: no suitable equation

Installation: Letterkenny Army Depot

MBTU: $198971.96 + 51.52 \text{ HDD}$

HTGMBTU: $43953.18 + 54.50 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Lexington-Blue Grass Army Depot

MBTU: $49537.17 + 38.98 \text{ HDD} + 70.28 \text{ TOTHR}$

HTGMBTU: $-5776.9 + 39.59 \text{ HDD} + 31.91 \text{ TOTHR}$

ELEC: $34078.83 + 3.07 \text{ HDD} + 13.03 \text{ CDD} + 9.40 \text{ LBRFRC}$

MOGAS: no suitable equaiton

DESCOM Installation Level Equations

quarterly data

Installation: New Cumberland Army Depot

MBTU: $151465.59 + 55.44 \text{ HDD}$

HTGMBTU: $22832.31 + 57.95 \text{ HDD}$

ELEC: $48406.50 + 0.069 \text{ SUPPHR}$

MOGAS: no suitable equation

Inatallation: Pueblo Army Depot

MBTU: $40874.51 + 26.64 \text{ HDD} + 174.93 \text{ MAINTHR}$

HTGMBTU: $9784.70 + 25.36 \text{ HDD} + 95.70 \text{ MAINTHR}$

ELEC: $23228.86 + 0.997 \text{ HDD} + 77.28 \text{ MAINTHR}$

MOGAS: no suitable equation

Installation: Red River Army Depot

MBTU: $237594.32 + 76.13 \text{ HDD}$

HTGMBTU: $76326.58 + 89.36 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Installation: Savanna Army Depot

MBTU: $10359.12 + 19.49 \text{ HDD}$

HTGMBTU: $-959.28 + 18.71 \text{ HDD}$

ELEC: $6924.39 + 1.11 \text{ HDD} + 1.87 \text{ CDD}$

MOGAS: no suitable equation

DESCOM Installation Level Equations

quarterly data

Installation: Seneca Army Depot

MBTU: $48267.32 + 21.19 \text{ HDD}$

HTGMBTU: $4502.80 + 19.40 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

Inatallation: Sharpe Army Depot

MBTU: no suitable equation

HTGMBTU: $2550.43 + 9.94 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation.

Installation: Sierra Army Depot

MBTU: $41186.87 + 17.57 \text{ HDD}$

HTGMBTU: $3138.57 + 15.65 \text{ HDD}$

ELEC: no suitable equaiton

MOGAS: no suitable equation

Installation: Tobyhanna Army Depot

MBTU: $104298.68 + 65.18 \text{ HDD}$

HTGMBTU: $41307.39 + 63.96 \text{ HDD}$

ELEC: $-6734.46 + 1.56 \text{ HDD} + 18.71 \text{ LBRFRC}$

MOGAS: no suitable equation

DESCOM Installation Level Equations

quarterly data

Installation: Tooele Army Depot

MBTU: no suitable equation

HTGMBTU: $43693.78 + 65.84 \text{ HDD}$

ELEC: no suitable equation

MOGAS: no suitable equation

DESCOM Monthly Regression Results

PROCESS ENERGY ANALYSIS - ANNISTON AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.88890559		C(P) = 5.99454089	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	21115895057.83173900	21115895057.831739	541.57	0.0001
ERROR	87	2812346859.97988000	38990248.611840		
TOTAL	88	23728241714.81159900			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		17931.49298415			
HDO		87.82978528	2.91469880	21115895057.831739	541.57
					0.0001

PROCESS ENERGY ANALYSIS - LETTERKENNY AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.81003080		C(P) = 3.27888753	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	51359909806.80875800	25679954903.304377	217.46	0.0001
ERROR	102	12044975472.24839100	118087994.825985		
TOTAL	104	63404885278.85714700			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		61421.48182008			PROB>F
HDD		57.88849985	3.55902811	31241184107.441432	284.56
COO		25.21785221	12.79488008	458741339.489052	3.88

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HICMBTU

		R SQUARE = 0.82429123		C(P) = 15.49822490	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	58471535589.28323400	58471535589.283234	483.20	0.0001
ERROR	103	12037887548.12725300	116870558.719882		
TOTAL	104	68508203117.39048700			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		14031.46451358			PROB>F
HDD		55.82552098	2.53983057	58471535589.283233	483.20

PROCESS ENERGY ANALYSIS - LEXINGTON-BLUE GRASS DA
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.83138828		C(P) = 5.82823574	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	15925932013.39293100	7962966008.8984650	147.90	0.0001
ERROR	80	3230358147.48421480	53839302.4577389		
TOTAL	82	19156290180.85714700			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		14070.47358381			PROB>F
HDD		39.10843519	2.51588111	13009890903.537298	241.84
LBRFRC		8.85837017	1.01585800	2453538935.152519	45.57

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHBTU

		R SQUARE = 0.91187898		C(P) = 3.81485214	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	15488298574.87984300	7734149287.4399210	309.88	0.0001
ERROR	80	1498585007.97729890	24978083.4882883		
TOTAL	82	16986883582.85714300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-5154.83958310			PROB>F
HDD		41.10832484	1.71355922	14372886618.433983	575.47
LBRFRC		3.93358578	0.69176717	807572813.882083	32.33

PROCESS ENERGY ANALYSIS - NEW CUMBERLAND AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.88049295		C(P) = 28.68220339	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	84745255515.42761700	84745255515.427617	709.33	0.0001
ERROR	115	10496796728.53820300	91278493.291837		
TOTAL	116	75242052243.96581000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		50668.18158839			
HDD		55.07582758	2.08792581	84745255515.427618	709.33

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.86494438		C(P) = 53.14501833	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	70100044987.13987000	70100044987.139870	738.50	0.0001
ERROR	115	10945881151.82955100	95179838.101127		
TOTAL	116	81045726138.78923000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		7928.28795375			
HDD		57.30791788	2.11187927	70100044987.139870	738.50

PROCESS ENERGY ANALYSIS - RED RIVER AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.88343309		C(P) = 8.43702058	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	33103519075.52431200	16551759537.762158	295.57	0.0001
ERROR	78	4387931025.24112880	55999115.708220		
TOTAL	80	37471450100.78544100			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-1851.91139005			PROB>F
HDD		75.06880434	3.18950104	31021580858.762130	553.97
LBRFRC		15.03077254	2.08753733	2959827502.930301	52.85

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGMBTU

		R SQUARE = 0.92792581		C(P) = 8.84830888	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	39528758181.55787400	19763379080.778837	502.11	0.0001
ERROR	78	3070145888.88455410	39380841.905958		
TOTAL	80	42598903830.22222900			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		33948.81112752			PROB>F
HDD		72.29788923	3.79280183	14303465782.934098	383.39
CDD		-20.83489541	4.80921875	724821877.063238	18.41

PROCESS ENERGY ANALYSIS - SAVANNA DA
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.97678020		C(P) = 2.13747149	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	3285533288.48324980	3285533288.4832498	1808.87	0.0001
ERROR	43	78102949.18119483	1818347.6549115		
TOTAL	44	3363838235.64444440			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		3517.23258205			
HDD		17.49382139	0.41131864	3285533288.4832498	1808.87
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGMBTU

		R SQUARE = 0.91648152		C(P) = 5.41275975	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	8955780182.79018300	8955780182.7901830	1031.50	0.0001
ERROR	94	818135508.54317080	8682292.8227997		
TOTAL	95	9771915889.33333300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-40.93153371			
HDD		18.21855722	0.58719422	8955780182.7901830	1031.50
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.75431298		C(P) = 3.07853719	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	3	7851412.18224011	2550470.72074870	41.98	0.0001
ERROR	41	2492139.03775994	60783.87898975		
TOTAL	44	10143551.20000005			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		1388.52032907			
HDD		1.08714850	0.10151289	8971434.12078888	114.89
CDD		1.81387578	0.39498123	1281808.79484919	21.08
LBRFRC		3.82942593	3.68458468	59823.78049988	0.98
					0.3278

PROCESS ENERGY ANALYSIS - SENECA AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.84438970		C(P) = 14.20468746	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	5072908470.39440400	5072908470.3944040	347.23	0.0001
ERROR	84	935014589.13589930	14608602.6427484		
TOTAL	85	6007921039.53030300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		17011.45683858			
HDD		19.00251505	1.01978913	5072908470.3944040	347.23

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HIGHMBTU

		R SQUARE = 0.87841182		C(P) = 0.70008292	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	4408103155.51032830	4408103155.5103283	453.85	0.0001
ERROR	84	821813538.08058320	9712711.5325091		
TOTAL	85	5029718693.59090900			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		1842.75273803			
HDD		17.71386928	0.83148210	4408103155.5103283	453.85

PROCESS ENERGY ANALYSIS - SHARPE AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.79464320		C(P) = 9.41302006	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	156357192.17784299	78178596.08882149	58.04	0.0001
ERROR	30	40408829.33750898	1346894.31125030		
TOTAL	32	196784021.51515197			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	2158.58644119				
HDD	10.13688803	0.94403389	155292515.92077906	115.30	0.0001
LBRFC	8.23984832	3.12328913	5375898.81453484	3.99	0.0549

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.85942045		C(P) = 1.89389141	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	117858276.87554150	58929138.33777075	81.70	0.0001
ERROR	30	19278846.85779183	642621.55525973		
TOTAL	32	137138923.33333333			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	1178.91810014				
HDD	7.74347118	0.98352104	41505387.10709089	84.59	0.0001
CDD	-1.97947837	1.42030181	1248232.98407738	1.94	0.1738

PROCESS ENERGY ANALYSIS - SIERRA AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGNBTU

		R SQUARE = 0.83798723		C(P) = 14.87097803	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	1818789507.39798550	1818789507.3979855	331.03	0.0001
ERROR	84	351838788.85959040	5494324.4821811		
TOTAL	85	2170428274.25757590			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		1384.85702484			
HOD		15.34243799	0.84325789	1818789507.3979855	331.03

PROCESS ENERGY ANALYSIS - TOBYHANNA AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.89841892		C(P) = 19.02291388			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	53098041833.83515000	53098041833.835150	553.88	0.0001		
ERROR	84	8135372292.82243200	95885192.072228				
TOTAL	85	59231413928.25758300					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	34577.28882221						
HDD	88.40784988	2.82174338	53098041833.835149	553.88	0.0001		

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HICMBTU

		R SQUARE = 0.87583944		C(P) = 43.82748758			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	1	51231913772.46007300	51231913772.460073	450.83	0.0001		
ERROR	84	7278087984.20859800	113888874.753228				
TOTAL	85	58508001756.66867100					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT	12735.53241848						
HDD	PS.23149443	3.07288298	51231913772.460072	450.83	0.0001		

PROCESS ENERGY ANALYSIS - TOOELE AD
(MONTHLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

R SQUARE = 0.85048898 C(P) = 12.80000191					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	22700347481.05487400	22700347481.054874	244.58	0.0001
ERROR	43	3991280189.38978300	92820489.055578		
TOTAL	44	26891827830.44445800			
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	47604.05873774				
HDD	59.02539430	3.77437045	22700347481.054874	244.58	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

R SQUARE = 0.88092531 C(P) = 5.12339787					
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	21364825925.68805700	21364825925.688057	318.12	0.0001
ERROR	43	2887883827.30972540	67180089.007203		
TOTAL	44	24252709752.97778300			
	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	11899.33428593				
HDD	57.28278622	3.21054141	21364825925.688057	318.12	0.0001

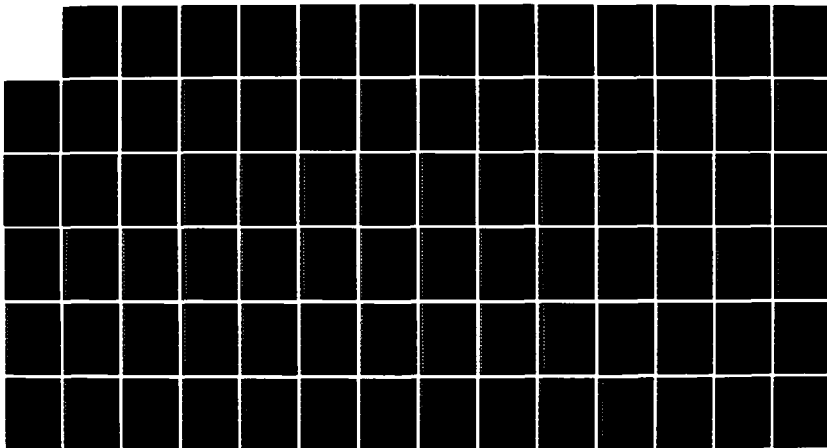
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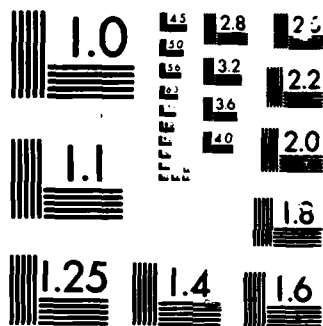
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PROCESS ENERGY ANALYSIS - ANNISTON AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.87511179		C(P) = 10.08637314			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	79762280320.71386000	39881140160.356933	112.11	0.0001		
ERROR	32	11382966374.25756400	355717699.195549				
TOTAL	34	91145246694.97143000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		58457.90746390					
HDD		67.78809278	4.55829160	78669809250.331750	221.16	0.0001	
MAINTHR		188.90789496	43.06731600	6844001214.161767	19.24	0.0001	

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGM8TU

		R SQUARE = 0.94729753		C(P) = 2.39315589			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	88040503308.51000000	44020251654.255004	287.59	0.0001		
ERROR	32	4898093258.46141200	153065414.326919				
TOTAL	34	92938596566.97143000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		-43329.44549192					
HDD		71.69956234	2.99011507	88010457035.364200	574.99	0.0001	
MAINTHR		108.95366120	28.25098570	2276636410.074224	14.87	0.0005	

PROCESS ENERGY ANALYSIS - CORPUS CHRISTI AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.76960845		C(P) = 3.57427296			
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F		
REGRESSION	2	13484568282.23351600	6742284141.1167580	53.45	0.0001		
ERROR	32	4036767694.05220370	126148990.4391314				
TOTAL	34	17521335976.28572000					
		B VALUE	STD ERROR	TYPE II SS	F	PROB>F	
INTERCEPT		31090.00365632					
CDD		25.56237773	3.14914768	8311898295.7423110	65.89	0.0001	
MAINTHR		84.65956336	14.16148495	4508356359.2908890	35.74	0.0001	

PROCESS ENERGY ANALYSIS - LETTERKENNY AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.81257875		C(P) = 4.54383828	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	114881158538.88210000	114881158538.88210	344.47	0.0001
ERROR	33	10988253000.28085500	332816757.58387		
TOTAL	34	125867411539.14308000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		188971.86380702			
MOO		51.52807337	2.77829555	114881158538.88208	344.47
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGM8TU

		R SQUARE = 0.90580898		C(P) = 20.34702178	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	128329121882.91843000	128329121882.91843	318.81	0.0001
ERROR	33	13375858249.25497800	405322977.25015		
TOTAL	34	141704779912.17143000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		43953.18827701			
MOO		54.50802917	3.08336313	128329121882.91843	318.81
					0.0001

**PROCESS ENERGY ANALYSIS - LEXINGTON-BLUE GRASS DA
(QUARTERLY DATA)**

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.93017433		C(P) = 8.24718255			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	63453484316.94596900		31726742158.472984		213.14	0.0001
ERROR	32	4763281165.05403000		148852536.407938			
TOTAL	34	68216765482.00000000					
		B VALUE		STD ERROR		TYPE II SS	F
INTERCEPT	49537.17034357						PROB>F
MOD	38.98603634	1.95009487		59492596546.172988		399.67	0.0001
TOTHR	70.28425795	12.80670704		4483296042.512200		30.12	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.95553924		C(P) = 2.67456725			
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F
REGRESSION	2	62051240889.98818500		31025620444.994092		343.87	0.0001
ERROR	32	2887212966.18324570		90225405.255726			
TOTAL	34	64938453858.17143200					
		B VALUE		STD ERROR		TYPE II SS	
INTERCEPT	-5776.90333527						
MOD	39.59283338	1.51824564		61358950404.999394		680.06	0.0001
TOTHR	31.91148031	9.97065699		924219634.884582			
						10.24	0.0031

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.85165851		C(P) = 17.01328084					
	DF	SUM OF SQUARES		MEAN SQUARE		F	PROB>F		
REGRESSION	3	2165812174.16928310		721870724.72309430		88.98	0.0001		
ERROR	35	377205345.72818252		10777295.59223321					
TOTAL	38	2542817619.89744580							
		B VALUE		STD ERROR		TYPE II SS		F	PROB>F
INTERCEPT	34078.83523875								
MOD	3.07537781		0.91712533		121185123.5985843		11.24		0.0019
COO	13.03830277		2.78145478		238814292.8291092		21.97		0.0001
LBRFRC	9.41824914		0.87984872		2089574818.0881711		182.03		0.0001

PROCESS ENERGY ANALYSIS - NEW CUMBERLAND AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.83185501		C(P) = 41.89984325	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	155115870513.84423000	155115870513.84423	508.78	0.0001
ERROR	37	11325487814.51488400	308094259.85175		
TOTAL	38	166441158128.35912000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		151485.59788832			
HDD		55.44024503	2.48277501	155115870513.84423	508.78

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MTGMBTU

		R SQUARE = 0.91405570		C(P) = 91.82795585	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	189509517568.77048000	189509517568.77048	383.51	0.0001
ERROR	37	15938171740.15257800	430781388.38250		
TOTAL	38	185447689308.92307000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		22832.31874159			
HDD		57.95845874	2.92158584	189509517568.77048	383.51

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.74802132		C(P) = 18.30895788	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	4822303197.51313800	4822303197.5131380	108.68	0.0001
ERROR	37	1841725487.92278080	44370958.5925070		
TOTAL	38	6464028685.43589700			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		48408.50423043			
SUPPHR		0.06982908	0.00869820	4822303197.5131380	108.68

PROCESS ENERGY ANALYSIS - PUEBLO DA
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.85488819		C(P) = 0.58483788	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	14048010802.04880700	7024005401.0244030	44.11	0.0001
ERROR	15	2388789948.89585040	159252663.2597100		
TOTAL	17	16436800750.94445800			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		40874.51808073			PROB>F
HDD		28.84828237	3.08810135	12029835259.018304	75.54
MAINTHR		174.93808551	31.80138592	4819078220.883870	30.28

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.85947858		C(P) = 0.93093955	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	11094008288.13438100	5547004133.0871800	45.87	0.0001
ERROR	15	1813857396.31008330	120923828.4208722		
TOTAL	17	12907865682.44444400			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		9784.70892887			PROB>F
HDD		25.38884900	2.87177018	10902055032.849818	90.18
MAINTHR		95.70989999	27.71139333	1442470917.218827	11.93

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.83204387		C(P) = 0.34950389	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	950888585.77739990	475344292.88869990	102.88	0.0001
ERROR	15	89315748.50037881	4621049.90002524		
TOTAL	17	1020004334.27777880			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		23228.88631573			PROB>F
HDD		0.98744579	0.52229213	18853584.88904180	3.85
MAINTHR		77.28483274	8.41717357	940553921.85587980	203.54

PROCESS ENERGY ANALYSIS - RED RIVER AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.78048567		C(P) = 29.86850489	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	80812078915.84408000	80812078915.844080	128.00	0.0001
ERROR	36	22728880089.20888100	631352224.700241		
TOTAL	37	103540757005.05273000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	237594.32747709				
MOO	78.13838035	8.72980905	80812078915.844080	128.00	0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGM8TU

		R SQUARE = 0.83021840		C(P) = 8.15490572	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	111338847821.23808000	111338847821.23808	479.90	0.0001
ERROR	36	8351955949.81857400	231998776.38379		
TOTAL	37	119688803571.05283000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT	78328.58283037				
MOO	89.38823013	4.07940501	111338847821.23805	479.90	0.0001

PROCESS ENERGY ANALYSIS - SAVANNA DA
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.92823923		C(P) = 3.51988280	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	24143888227.00077000	24143888227.000770	378.72	0.0001
ERROR	30	1922875005.21797930	64089188.840599		
TOTAL	31	26068383232.21875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		10359.12718007			
HDD		19.48910250	1.00462765	24143888227.000770	378.72
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.93301855		C(P) = 2.93215453	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	22231921331.90738500	22231921331.907385	417.89	0.0001
ERROR	30	1598030798.09263420	53201026.538421		
TOTAL	31	23827952128.00000000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-959.28898384			
DD		18.71118590	0.91531972	22231921331.907385	417.89
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.79480328		C(P) = 1.19885891	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	41852981.48007285	20926480.74003832	58.18	0.0001
ERROR	29	10805303.23867735	372596.68340287		
TOTAL	31	52658284.71875000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		8924.39081644			
HDD		1.11842198	0.13951225	23860033.83214473	64.04
CDD		1.87079738	0.65123221	3074827.19572895	8.25
					0.0075

PROCESS ENERGY ANALYSIS - SENECA AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.89933372		C(P) = 7.21108935	
	DF.	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	23304090392.99843800	23304090392.998438	278.95	0.0001
ERROR	31	2808528851.87127240	84146021.031331		
TOTAL	32	25912617044.86971100			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		48267.32684802			
HOD		21.19814258	1.27379202	23304090392.998438	278.95
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.91399057		C(P) = 1.09580330	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	19538482817.34057800	19538482817.340578	329.43	0.0001
ERROR	31	1838445308.72002990	59304687.313549		
TOTAL	32	21374928124.06060800			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		4502.80088438			
HOD		19.40907889	1.08938588	19538482817.340578	329.43
					0.0001

PROCESS ENERGY ANALYSIS - SHARPE AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

R SQUARE = 0.81114184 C(P) = 8.03371910

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	993899901.48279050	993899901.48279050	141.73	0.0001
ERROR	33	231409720.42292370	7012415.77039183		
TOTAL	34	1225309821.88571420			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	2550.43188879				
HOD	8.94513929	0.83535942	993899901.48279050	141.73	0.0001

PROCESS ENERGY ANALYSIS - SIERRA AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.83838985		C(P) = 5.18010283	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	10182812753.71199900	10182812753.711999	64.75	0.0001
ERROR	37	5807170593.51877400	156950556.581588		
TOTAL	38	15989983347.23077300			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		41188.87899882			
HDD		17.57493001	2.18407784	10182812753.711998	64.75
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.82707108		C(P) = 8.55481515	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	8082052811.52482100	8082052811.5248210	470.34	0.0001
ERROR	37	834208998.21898750	17140783.7358478		
TOTAL	38	8898281809.74359000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		3138.57850759			
HDD		15.85342808	0.72177524	8082052811.5248210	470.34
					0.0001

PROCESS ENERGY ANALYSIS - TOBYHANNA AD
(QUARTERLY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE MBTU

		R SQUARE = 0.93747330		C(P) = 11.49838488	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	228003293808.38808000	228003293808.38808	539.75	0.0001
ERROR	38	15073738254.45418900	418714951.51282		
TOTAL	37	241077031882.84228000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		104288.88908217			
HDD		85.18310147	2.80587183	228003293808.38808	539.75
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGMBTU

		R SQUARE = 0.91988723		C(P) = 24.08324745	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	217808940591.62182000	217808940591.62182	413.25	0.0001
ERROR	38	18958855585.14153800	528573788.25393		
TOTAL	37	238585596176.76318000			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		41307.39323377			
HDD		83.98111178	3.14835155	217808940591.62182	413.25
					0.0001

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE ELEC

		R SQUARE = 0.87870370		C(P) = 7.89020181	
	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	2	1923271105.98902550	981635552.99451270	127.87	0.0001
ERROR	35	283000388.88381728	7614298.24487478		
TOTAL	37	2188271474.65284280			
		B VALUE	STD ERROR	TYPE II SS	F
INTERCEPT		-8734.46228814			
HDD		1.58889578	0.37750200	129788028.7927489	17.27
LBRFC		18.17308719	1.15242453	1868818942.9154185	248.68
					0.0001

PROCESS ENERGY ANALYSIS - TQ0ELE AD
(QUANTITELY DATA)

MAXIMUM R-SQUARE IMPROVEMENT FOR DEPENDENT VARIABLE HTGM8TU

R SQUARE = 0.79720498 C(P) = 15.77852787

	DF	SUM OF SQUARES	MEAN SQUARE	F	PROB>F
REGRESSION	1	137308288489.11178000	137308288489.11178	110.07	0.0001
ERROR	28	34928315394.38820700	1247439835.51388		
TOTAL	29	172234583883.50000000			

	B VALUE	STD ERROR	TYPE II SS	F	PROB>F
INTERCEPT	43893.78750744				
100	85.84231188	8.27580883	137308288489.11178	110.07	0.0001

DESCOM Monthly Data

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ANNISTON AD

PROCESS ENERGY ANALYSIS

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFRG	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
1	74	10	41076	13	18779	955	0	0	8025	159	28	1	4413	.	.	.	19747	19747.0	41078	88848	88848
2	74	11	35229	32	38208	955	0	0	13334	378	15	2	4386	.	.	.	37193	37193.0	35229	85758	85758
3	74	12	22214	40	48963	945	0	0	8282	542	0	3	4365	.	.	.	49948	49948.0	22214	80424	80424
4	75	1	45182	25	39993	1835	0	0	10814	493	8	4	4349	.	.	.	41553	41553.0	45182	97349	97349
5	75	2	42830	10	49209	983	0	0	12872	412	0	5	4332	.	.	.	50182	50182.0	42830	105484	105484
6	75	3	38779	18	43182	831	0	0	12552	361	28	6	4379	.	.	.	44011	44011.0	38779	95342	95342
7	75	4	41145	8	32224	218	0	0	9887	190	81	7	4471	.	.	.	32451	32451.0	41145	83283	83283
8	75	5	41772	2	16784	239	0	0	12084	2	241	8	4478	.	.	.	17005	17005.0	41772	70861	70861
9	75	6	42537	2	17231	238	0	0	10383	0	351	9	4448	.	.	.	17472	17472.0	42537	70402	70402
10	75	7	39776	2	13421	239	0	0	7855	0	416	10	4468	299	.	.	13682	13682.0	39776	61093	61093
11	75	8	47270	2	19320	238	0	0	14202	0	447	11	4486	299	.	.	19581	19581.0	47270	81033	81033
12	75	9	44985	2	15328	170	0	0	12078	49	211	12	4531	299	.	.	18100	18100.0	44985	73184	73184
13	75	10	39788	3	19508	884	0	938	10951	105	66	13	4578	245	.	.	21131	21131.0	39788	71870	71870
14	75	11	41505	14	33517	894	0	1808	8890	349	29	14	4618	245	.	.	36231	36231.0	41505	86396	86396
15	75	12	38350	20	61326	1548	0	955	10116	626	2	15	4608	245	.	.	63850	63850.0	38350	112316	112316
16	76	1	35879	42	60793	1878	0	2005	9988	795	0	16	4545	251	.	.	84018	84018.0	35879	109863	109863
17	76	2	40530	15	53624	804	0	2298	14098	314	8	17	4515	251	.	.	58741	58741.0	40530	111389	111389
18	76	3	38605	9	35211	859	0	2108	9803	213	25	18	4488	251	.	.	37987	37987.0	38605	86395	86395
19	76	4	41683	5	28452	510	0	2353	11888	129	27	19	4482	248	.	.	31320	31320.0	41683	84502	84502
20	76	5	40481	3	18921	282	0	1794	9812	85	48	20	4445	248	.	.	21000	21000.0	40481	71273	71273
21	76	6	43787	2	17220	77	0	2114	9195	0	290	21	4432	248	.	.	19413	19413.0	43787	72345	72345
22	76	7	41354	2	12224	.	0	1182	10239	0	418	22	4421	.	.	.	.	.	41354	.	.
23	76	8	40635	2	18788	.	0	1375	9078	0	378	23	4408	.	.	.	.	.	40635	.	.
24	76	9	43828	2	13878	.	0	1785	9888	7	219	24	4433	.	.	.	.	.	43828	.	.
25	76	10	42584	9	18059	729	0	7980	11837	241	15	25	4475	241	.	.	28777	15185.3	42584	80988	80988
26	76	11	41879	28	37958	1188	0	2148	8095	580	1	26	4480	260	.	.	41319	13373.8	41879	92083	92083
27	76	12	41957	33	50512	2599	0	10338	10844	732	0	27	4493	239	.	.	63483	28214.3	41957	116284	116284
28	77	1	.	.	.	.	0	15407	9583	1028	0	28	4554	285	.	.	.	.	.	.	.
29	77	2	.	.	.	.	0	10002	11763	586	5	29	4614	259	.	.	.	.	.	.	.
30	77	3	.	.	.	.	0	8114	10866	252	21	30	4838	322	.	.	.	.	.	.	.
31	77	4	.	.	.	.	0	4945	13221	73	85	31	4848	308	.	.	.	.	.	.	.
32	77	5	.	.	.	.	0	2318	12316	5	241	32	4836	315	.	.	.	.	.	.	.
33	77	6	.	.	.	.	0	2470	11772	0	450	33	4868	321	.	.	.	.	.	.	.
34	77	7	.	.	.	.	0	3448	12225	0	578	34	4907	285	.	.	.	.	.	.	.
35	77	8	.	.	.	.	0	1893	11974	0	537	35	4936	332	.	.	.	.	.	.	.
36	77	9	.	.	.	.	0	0	6242	0	329	36	4920	323	.	.	.	.	.	.	.
37	77	10	.	.	.	.	0	2219	11280	178	25	37	4945	289	.	.	.	.	.	.	.
38	77	11	.	.	.	.	0	3008	12814	292	0	38	4963	315	.	.	.	.	.	.	.
39	77	12	.	.	.	.	0	9873	16281	840	1	39	4971	287	.	.	.	.	.	.	.
40	78	1	.	.	.	.	0	12687	13197	967	0	40	4946	321	.	.	.	.	.	.	.
41	78	2	.	.	.	.	0	20908	12844	788	0	41	4935	286	.	.	.	.	.	.	.
42	78	3	.	.	.	.	0	10718	18244	452	0	42	4900	351	.	.	.	.	.	.	.
43	78	4	.	.	.	.	0	3745	14744	120	64	43	4887	287	.	.	.	.	.	.	.
44	78	5	.	.	.	.	0	2330	11307	42	151	44	4867	317	.	.	.	.	.	.	.
45	78	6	.	.	.	.	0	2155	13570	0	370	45	4918	304	.	.	.	.	.	.	.
46	78	7	.	.	.	.	0	1445	9538	0	515	46	4914	278	.	.	.	.	.	.	.
47	78	8	.	.	.	.	0	1823	11142	0	483	47	4897	328	.	.	.	.	.	.	.
48	78	9	.	.	.	.	0	2307	13537	0	385	48	4907	294	.	.	.	.	.	.	.
49	78	10	.	.	.	.	0	2377	10842	160	34	49	4904	327	.	.	.	.	.	.	.
50	78	11	.	.	.	.	0	1247	10141	220	12	50	4917	289	.	.	.	.	.	.	.
51	78	12	.	.	.	.	0	3348	13348	578	1	51	4908	243	.	.	.	.	.	.	.
52	79	1	.	.	.	.	0	12215	10810	839	0	52	4882	291	.	.	.	.	.	.	.
53	79	2	.	.	.	.	0	8551	11385	584	1	53	4859	341	.	.	.	.	.	.	.
54	79	3	.	.	.	.	0	7107	18874	303	8	54	4838	337	.	.	.	.	.	.	.
55	79	4	.	.	.	.	0	3148	11917	83	43	55	4782	303	.	.	.	.	.	.	.
56	79	5	.	.	.	.	0	3489	11977	33	188	56	4771	322	.	.	.	.	.	.	.

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBREFL	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTU...
57	79	6	.	.	.	.	0	2784	15076	0	308	57	4747	.	.	.	.	.	.	.	.
58	79	7	.	.	.	0	0	2136	10170	0	466	58	4719	.	.	.	.	.	.	.	.
59	79	8	.	.	.	0	0	3279	14558	0	424	59	4886	.	.	.	.	.	.	.	.
60	79	9	.	.	.	0	0	2082	10630	0	198	60	4705	.	.	.	.	.	.	.	.
61	79	10	.	.	.	0	0	1806	10901	101	74	61	4700	.	.	.	.	.	.	.	.
62	79	11	.	.	.	0	0	3338	13534	385	7	62	4982	.	.	.	.	.	.	.	.
63	79	12	.	.	.	0	0	9967	10872	588	2	63	4864	.	.	.	.	.	.	.	.
64	80	1	.	.	.	0	0	8889	9823	804	0	64	4824	.	.	.	.	.	.	.	.
65	80	2	.	.	.	0	0	13893	14055	855	4	65	4802	.	.	.	.	.	.	.	.
66	80	3	.	.	.	0	0	6052	10625	417	6	66	4584	.	.	.	.	.	.	.	.
67	80	4	.	.	.	0	0	2831	11127	144	25	67	4584	.	.	.	.	.	.	.	.
68	80	5	.	.	.	0	0	2924	14227	14	176	68	4553	.	.	.	.	.	.	.	.
69	80	6	.	.	.	0	0	2144	10489	0	388	69	4513	.	.	.	.	.	.	.	.
70	80	7	.	.	.	0	0	1212	9288	0	607	70	4541	.	.	.	.	.	.	.	.
71	80	8	.	.	.	0	0	2283	14722	0	563	71	4531	.	.	.	.	.	.	.	.
72	80	9	.	.	.	0	0	1748	11740	7	413	72	4572	.	.	.	.	.	.	.	.
73	80	10	42270	3	18877	568	0	4101	13458	181	43	73	4517	.	.	.	.	.	42270	79275	77997
74	80	11	38605	9	30651	689	0	2254	9088	372	2	74	4509	.	.	.	.	.	38605	81296	78670
75	80	12	38268	23	43580	819	0	8941	8858	842	0	75	4527	.	.	.	.	.	48831.3	38268	100487
76	81	1	38398	24	59387	1511	0	17859	11812	795	0	76	4519	.	.	.	.	.	70189.3	38398	125989
77	81	2	44625	15	39475	1459	0	9559	10894	484	1	77	4508	.	.	.	.	.	47232.8	44625	102752
78	81	3	40635	12	36403	1104	0	5010	12722	428	9	78	4502	.	.	.	.	.	39507.9	40635	95886
79	81	4	42502	2	19394	311	0	4048	12175	48	113	79	4828	.	.	.	.	.	23430.3	42502	78432
80	81	5	43349	1	13686	124	0	2173	11758	51	145	80	4833	.	.	.	.	.	15604.0	43349	71071
81	81	6	47920	1	15535	0	0	2097	12426	0	475	81	4793	.	.	.	.	.	17833	47920	77979
82	81	7	47177	2	16911	188	0	3955	13467	0	539	82	4788	.	.	.	.	.	20934	47177	81578
83	81	8	52322	1	16984	93	0	3955	12052	0	448	83	4781	.	.	.	.	.	21033	52322	86317
84	81	9	48082	2	17478	318	0	2779	13011	19	231	84	4833	.	.	.	.	.	20575	48082	81555
85	81	10	43848	2	18271	652	0	3189	11812	138	48	85	4737	.	.	.	.	.	19274.6	43848	75754
86	81	11	40298	6	28488	533	0	1948	11108	314	9	86	4755	.	.	.	.	.	29108.5	40298	82377
87	81	12	44393	25	52822	1433	0	8481	12590	882	0	87	4730	.	.	.	.	.	58711.4	44393	119744
88	82	1	43709	26	60245	2245	0	18186	11577	711	1	88	4724	.	.	.	.	.	78480.2	43709	135988
89	82	2	49184	16	47685	1428	0	6239	11779	480	0	89	4748	.	.	.	.	.	52459.5	49184	118332
90	82	3	46064	4	39943	1070	0	5388	17081	250	65	90	4796	.	.	.	.	.	44920.5	46064	109550
91	82	4	52003	2	26030	723	0	2522	11777	199	28	91	4806	.	.	.	.	.	28095.4	52003	93057
92	82	5	44231	2	15584	287	0	2703	11800	4	247	92	4803	.	.	.	.	.	18552.2	44231	74807
93	82	6	49648	1	18853	287	0	2802	12865	0	327	93	4788	.	.	.	.	.	21943	49648	84256
94	82	7	54180	2	12315	287	0	1663	10748	0	495	94	4756	.	.	.	.	.	14287	54180	79198
95	82	8	52792	1	18118	352	0	2278	12011	0	459	95	4737	.	.	.	.	.	20749	52792	85552
96	82	9	51550	2	17132	348	0	2738	11263	18	285	96	4434	.	.	.	.	.	20213.2	51550	83033
97	82	10	48813	2	25416	588	0	4383	15264	134	118	97	4718	.	.	.	.	.	30311.9	48813	94448
98	82	11	50773	12	36892	993	0	3408	11733	331	12	98	4724	.	.	.	.	.	41305	50773	103670
99	82	12	43999	18	41592	1621	0	11603	11173	449	27	99	4730	.	.	.	.	.	54842.7	43999	110006
100	83	1	45585	22	55320	1889	0	16310	11897	751	0	100	4732	.	.	.	.	.	73181.0	45585	130763
101	83	2	52684	18	42794	1432	0	12320	11402	558	0	101	4729	.	.	.	.	.	58328.2	52684	120392
102	83	3	44219	11	43285	1432	0	4898	9981	437	7	102	4738	.	.	.	.	.	49440.8	44219	103837
103	83	4	48998	8	30553	638	0	6227	11021	282	17	103	4741	.	.	.	.	.	37428	48998	97445
104	83	5	49694	1	19050	124	0	4782	13848	39	115	104	4747	.	.	.	.	.	23940.4	49694	87480
105	83	6	49708	2	17575	287	0	3698	11790	0	281	105	4752	.	.	.	.	.	21583	49708	83059
106	83	7	50112	1	14171	155	0	2301	7474	0	481	106	4737	.	.	.	.	.	16828	50112	74214
107	83	8	61109	1	17552	382	0	5033	12287	0	528	107	4728	.	.	.	.	.	22988	61109	96364
108	83	9	58187	1	17919	598	0	4520	13774	26	233	108	4717	.	.	.	.	.	23028.9	58187	92979
109	83	10	45379	20	17034	681	0	6798	10152	108	53	109	4719	.	.	.	.	.	24487.0	45379	80044
110	83	11	47920	141	24433	1084	0	5682	9359	388	2	110	4725	.	.	.	.	.	31134.7	47920	88579
111	83	12	47954	353	53314	1809	0	11935	8823	774	0	111	4742	.	.	.	.	.	6881.2	47954	123458
112	84	1	48047	388	64523	2081	0	19974	8288	817	0	112	4717	.	.	.	.	.	86817.9	48047	143301

PROCESS ENERGY ANALYSIS - ANNISTON AD

OBS YR M	LEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBS	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	M	MJ
113 84	2	53983	220	44588	2121	0	16205	10258	519	0	113	4714	.	315	63134	62912.8	53983	127358	127135	
114 84	3	50288	147	38222	1230	0	11638	8875	392	11	114	4712	.	323	51237	51070.0	50288	110398	110231	
115 84	4	49300	95	22883	898	0	6571	8510	202	30	115	4898	.	311	30027	29940.9	49300	87837	87751	
116 84	5	50831	18	18419	20	0	5417	8846	88	151	116	4707	.	310	21872	21843.0	50831	81549	81520	
117 84	6	53035	18	13718	69	0	7491	8716	2	373	117	4700	.	308	21292	21291.1	53035	83043	83042	

OBSS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	COD	TIME	LBFRFC	TOTHR	MAINTHR	SUPPHR	RCVD	TRCVD	SHIPD	TSHPD	A1	A2
1	74	10	40925	34288	0	0	0	7494	10572	4	289	1	4400									
2	74	11	32039	34311	0	0	0	7701		117	97	2	4309									
3	74	12	23096	34394	0	0	0	7898	11019	280	32	3	4297									
4	75	1	28988	34381	0	0	0	8208	11154	227	70	4	4168									
5	75	2	25102	34370	0	0	0	8188	11003	167	35	5	4123									
6	75	3	31845	28947	0	0	0	8338	11320	77	154	6	4105									
7	75	4	30995	37843	0	0	0	9071	12094	10	319	7	4094									
8	75	5	38941	39783	0	0	0	12121	16057	0	488	8	4080									
9	75	6	33895	39856	0	0	0	12748	16646	0	557	9	4064									
10	75	7	46122	39794	0	0	0	10182	13352	0	808	10	4044									
11	75	8	39982	28650	0	0	0	10958	14596	0	573	11	3995									
12	75	9	41308	58922	0	0	0	8232	11046	0	422	12	3981									
13	75	10	31749	38650	0	0	0	0	13844	4	300	13	3965									
14	75	11	32987	44395	0	0	0	0	12508	107	161	14	3939									
15	75	12	25102	38592	0	0	0	0	9944	247	52	15	3725									
16	76	1	28947	38977	0	0	0	0	9389	275	25	16	3687									
17	76	2	28072	53422	0	0	0	0	10631	94	84	17	3644									
18	76	3	32854	30561	0	0	0	0	10433	45	170	18	3609									
19	76	4	32932	33138	0	0	0	0	12875	1	285	19	3591									
20	76	5	35647	28469	0	0	0	23	11853	0	299	20	3584									
21	76	6	36343	39484	0	0	0	0	10091	0	505	21	3599									
22	76	7	38674	40158	0	0	0	0	12982	0	510	22	3588									
23	76	8	45518	41151	0	0	0	0	14829	0	503	23	3584									
24	76	9	43883	39078	0	0	0	0	14099	0	498	24	3574									
25	76	10	34046	38108	0	0	0	0	10420	59	136	25	3549									
26	76	11	35728	47445	0	0	0	0	10751	253	31	26	3536									
OBSS	A3	A4	A6	A8	A9	C3	E2	L1	L5	L8	L9	YO	HTGMBTU	HTGDADJ	ELECADJ	M8TU	M8TUADJ	UNITS	TONS	AREPAIR	LREPAIR	REPAIRS
1												41782	41782.0	40925.0	93279	93279						
2												42012	42012.0	32039.0								
3												42293	42293.0	23096.0	78408	78408						
4												42587	42587.0	28988.0	82729	82729						
5												42558	42558.0	25102.0	78663	78663						
6												37285	37285.0	31845.0	80250	80250						
7												46714	46714.0	30995.0	89803	89803						
8												51904	51904.0	38941.0	106902	106902						
9												52604	52604.0	33895.0	103145	103145						
10												49978	49978.0	46122.0	109450	109450						
11												39808	39808.0	39962.0	94168	94168						
12												65154	65154.0	41308.0	117508	117508						
13												38650	38650.0	31749.0	84243	84243						
14												44395	44395.0	32987.0	89870	89870						
15												36592	36592.0	25102.0	71638	71638						
16												38977	38977.0	28947.0	73313	73313						
17												53422	53422.0	28072.0	92125	92125						
18												30561	30561.0	32854.0	73848	73848						
19												33138	33138.0	32932.0	78945	78945						
20												28492	28492.0	35947.0	75992	75992						
21												39484	39484.0	36343.0	85918	85918						
22												40158	40158.0	38674.0	91794	91794						
23												41151	41151.0	45518.0	101498	101498						
24												39078	39078.0	43883.0	97080	97080						
25												38108	38844.6	34046.0	82572	81311						
26												47445	42035.8	35728.0	93924	88515						

15:32 THURSDAY, NOVEMBER 15, 1984

PROCESS ENERGY ANALYSIS RPUS CHRISTI AD

OBS	VR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBFRFC	TOTHR	MAINTHR	SUPPHR	RCVD	TRCVD	SHPD	TSHPD	A1	A2
53	79	2	28316	46880	0	0	0	4081	3678	256	38	53	3231	.	.	.	.	.	.	.	85	101
54	79	3	32584	44093	0	0	0	4827	4691	38	140	54	3226	.	.	.	.	.	.	.	92	88
55	79	4	37723	28414	0	0	0	8043	3146	1	289	55	3211	.	.	.	.	.	.	.	88	187
56	79	5	34823	26394	0	0	0	3758	2207	0	368	56	3196	.	.	.	.	.	.	.	98	131
57	79	6	29805	34393	0	0	0	3755	2848	0	507	57	3170	.	.	.	.	.	.	.	84	98
58	79	7	28390	29473	0	0	0	4728	3825	0	839	58	3142	.	.	.	.	.	.	.	53	126
59	79	8	83858	28134	0	0	0	8273	4118	0	824	59	3123	.	.	.	.	.	.	.	80	358
60	79	9	38187	21718	0	0	0	4050	1611	0	421	60	3046	.	.	.	.	.	.	.	0	0
61	79	10	35890	50381	0	0	0	4034	2111	8	333	61	3041	.	.	.	.	.	.	.	93	121
62	79	11	33350	21853	0	0	0	12285	4307	131	88	62	3035	.	.	.	.	.	.	.	28	84
63	79	12	28436	13984	0	0	0	4381	2894	233	47	63	2997	.	.	.	.	.	.	.	113	220
64	80	1	28394	34323	0	0	0	4484	2482	185	45	64	3000	.	.	.	.	.	.	.	79	78
65	80	2	30320	30843	0	0	0	8402	4288	247	52	65	2973	.	.	.	.	.	.	.	81	158
66	80	3	29534	38391	0	0	0	5908	3260	74	158	66	2957	.	.	.	.	.	.	.	89	256
67	80	4	32187	28812	0	0	0	2247	3158	30	166	67	2944	.	.	.	.	.	.	.	271	152
68	80	5	34048	33093	0	0	0	8841	4281	0	405	68	2927	.	.	.	.	.	.	.	88	172
69	80	6	40565	37200	0	0	0	4824	3511	0	573	69	2922	.	.	.	.	.	.	.	82	284
70	80	7	37804	28228	0	0	0	4737	3623	0	649	70	2935	.	.	.	.	.	.	.	92	125
71	80	8	34588	28682	0	0	0	4034	4368	0	570	71	2913	.	.	.	.	.	.	.	78	184
72	80	9	43338	32174	0	0	0	4878	3377	0	530	72	3004	.	.	.	.	.	.	.	0	0
73	80	10	36540	29868	0	0	0	4000	3528	43	247	73	2999	.	.	.	.	.	.	.	70	137
74	80	11	31798	35472	0	0	0	4085	3410	204	58	74	3003	.	.	.	.	.	.	.	54	183
75	80	12	24952	25015	0	0	0	3188	3122	254	34	75	2973	.	.	.	.	.	.	.	82	107
76	81	1	22748	35271	0	0	0	4182	2343	284	4	76	2925	.	.	.	.	.	.	.	58	188
77	81	2	18768	28830	0	0	0	3231	3551	221	41	77	2910	.	.	.	.	.	.	.	128	178
78	81	3	22492	25283	0	0	0	8109	4398	90	57	78	2900	.	.	.	.	.	.	.	174	182

OBS A3 A4 A6 A8 A9 C3 E2 L1 L5 L6 L9 YO HTGMBTU HTGADJ ELECADJ MBTU MBTUADJ UNITS TONS AREPAIR LREPAIR REPAIRS

53	3758	25	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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15:32 THURSDAY, NOVEMBER 15, 1

CORPUS CHRISTI AD

PROCESS ENERGY ANALYSIS

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HDD CDD TIME LBRFR TOYHR MAINTHR SUPPHR RCVD TRCVD SHPD TSHPD A1 A2

79 81	4	38141	25215	0	0	0	3035	3703	0	288	79	2888	229	44	134
80 81	5	41714	25823	0	0	0	3837	4433	0	378	80	2874	207	118	191
81 81	6	47479	25924	0	0	0	3208	4390	0	535	81	2975	250	188	228
82 81	7	48597	42882	0	0	0	4182	5004	0	580	82	3083	231	87	152
83 81	8	46632	34297	0	0	0	2087	4369	0	589	83	3097	242	203	127
84 81	9	48829	31907	0	0	0	8251	3755	0	478	84	3033	235	108	221
85 81	10	44483	28289	0	0	0	8177	4795	24	349	85	3028	232	54	133
86 81	11	38714	27961	0	0	0	3120	4038	34	141	86	3045	212	213	215
87 81	12	32990	29449	0	0	0	3211	3708	207	41	87	3037	197	108	120
88 82	1	34814	31270	0	0	0	1050	3051	292	83	88	3082	230	77	160
89 82	2	34742	35158	0	0	0	7349	3878	275	24	89	3154	245	80	199
90 82	3	36528	30388	0	0	0	2288	4937	92	158	90	3175	298	130	221
91 82	4	45333	21314	0	0	0	6112	4070	40	229	91	3190	275	75	128
92 82	5	46518	21638	0	0	0	5308	4165	0	370	92	3253	271	80	192
93 82	6	50808	28013	0	0	0	5243	4038	0	540	93	3284	287	80	188
94 82	7	50042	34159	0	0	0	5379	3530	0	613	94	3325	283	75	141
95 82	8	53151	35975	0	0	0	2971	5811	0	827	95	3324	296	102	185
96 82	9	48952	32683	0	0	0	6257	3243	0	525	96	3223	265	90	218
97 82	10	42818	22074	0	0	0	3125	5083	10	289	97	3331	242	57	197
98 82	11	44128	25223	0	0	0	5195	4988	134	128	98	3483	288	150	164
99 82	12	39753	23871	0	0	0	2187	3870	245	48	99	3613	258	50	93
100 83	1	38512	26805	0	0	0	3175	3482	308	10	100	3690	332	68	159
101 83	2	34533	25845	0	0	0	10858	3824	195	8	101	3700	273	67	122
102 83	3	39521	14887	0	0	0	8398	4015	88	55	102	3753	333	305	188
103 83	4	40148	19207	0	0	0	5111	4872	40	188	103	3808	299	65	138
104 83	5	45739	23555	0	0	0	2479	4584	0	349	104	3835	315	88	258

OBS A3 A4 A8 A9 C3 E2 L1 L5 L8 L9 Y0 HTGM8TU HTGADJ ELECA0J MBTU MBTUADJ UNITS TONS AREPAIR LREPAIR REPAIRS

79 4172	50	0	0	17	0	0	728	0	0	28250	28250	0	38139	4	70094	68092	4417	728	5143
80 4475	18	0	0	0	0	0	0	0	0	29480	29480	0	39712	4	75807	73805	4802	0	4802
81 4152	31	0	0	0	0	0	0	0	0	29130	29130	0	45477	4	80999	78997	4552	0	4552
82 8053	8	1	0	1	0	0	1	0	0	47044	47044	0	52520	9	98845	104589	8302	1	8303
83 5686	40	0	0	2	0	0	0	0	0	38384	38384	0	52688	4	87385	93419	6038	0	6038
84 5056	0	0	1	1	0	0	974	51	0	38158	38158	0	51478	2	88742	93389	5385	1025	6410
85 3958	0	0	0	0	0	0	0	0	0	34488	34488	0	47551	1	83724	84359	4145	0	4145
86 4391	0	2	0	0	0	0	0	0	0	31081	27808	0	37248	8	71833	68893	4821	0	4821
87 4509	0	0	4	0	0	0	310	0	0	32880	11503	3	32298	9	69358	47508	4741	310	5051
88 3893	0	0	1	0	1	0	0	0	0	32320	2475	8	34191	0	89985	39718	3931	0	3932
89 3488	0	0	0	0	0	0	0	0	0	42507	14400	3	33840	2	80925	51917	3787	0	3787
90 4404	0	0	0	0	0	0	0	0	0	32658	23253	0	37271	3	74121	85481	4755	0	4755
91 7078	0	0	0	0	0	0	0	0	0	26942	26942	0	49881	9	78829	74358	7281	0	7281
92 2638	108	0	0	1	0	0	858	50	0	31258	31258	0	56240	9	88100	91533	3017	908	3925
93 4647	0	0	0	0	0	0	0	12	0	39538	39538	0	50958	1	93110	94024	4895	12	4907
94 4744	0	0	0	0	0	0	0	0	0	38948	38948	0	54085	1	97908	98822	4960	0	4960
95 7828	88	0	0	4	1	1	5	0	0	38920	38920	0	49888	1	91115	92029	8007	5	8014
96 4017	0	0	0	0	0	0	1044	80	0	25199	25085	8	43532	1	72880	73881	4323	1124	5447
97 3555	0	1	0	0	0	0	0	0	0	30418	28901	2	45040	1	79510	78907	3810	0	3810
98 3164	12	0	0	1	0	0	0	0	0	28058	23284	7	40687	1	89681	87822	3491	0	3491
99 2423	0	1	0	0	0	0	0	0	0	29980	28493	8	39428	1	71974	89402	2587	0	2587
100 3812	13	4	0	0	0	0	380	8	0	38503	34295	7	35447	1	74880	73587	3858	388	4224
101 4671	25	2	0	0	0	0	0	0	0	21283	20288	9	40435	1	84819	84737	4889	0	4889
102 3745	25	1	0	0	0	0	0	0	0	24318	23865	2	41082	1	89138	89599	4284	0	4284
103 3811	0	0	0	0	0	0	0	0	0	28034	28034	2	46653	1	78337	77251	3814	0	3814
104 3714	50	1	0	0	0	0	815	0	0	0	0	0	0	0	0	0	4107	815	4922

15:32 THURSDAY, NOVEMBER 15, 1994

CORPUS CHRISTI AD

PROCESS ENERGY ANALYS'

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MUGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	RCVD	TRCVD	SHPD	TSHPD	A1	A-
105	83	6	41308	25680	0	0	0	4298	3388	0	494	105	3821	.	311	.	.	.	.	.	30	144
106	83	7	39382	23874	0	0	0	4210	5328	0	588	108	3808	.	272	.	.	.	.	.	135	167
107	83	8	84857	25194	0	0	0	7782	5058	0	805	107	3805	.	389	.	.	.	.	.	82	118
108	83	9	48609	21678	0	0	0	2707	4825	0	438	108	3855	.	399	.	.	.	.	.	57	163
109	83	10	48859	31971	0	0	0	11410	4202	6	295	109	3848	.	271	.	.	.	.	.	123	214
110	83	11	44198	26048	0	0	0	4949	783	88	152	110	3874	.	373	.	.	.	.	.	391	194
111	83	12	37851	42184	0	0	0	9449	624	511	31	111	3970	.	283	.	.	.	.	.	360	108
112	84	1	36810	24930	0	0	0	8317	235	415	0	112	3978	.	373	.	.	.	.	.	128	179
113	84	2	40240	21484	0	0	0	10514	1146	199	39	113	4198	.	354	.	.	.	.	.	238	132
114	84	3	46319	15988	0	0	0	8902	377	69	119	114	4230	.	385	.	.	.	.	.	138	270
115	84	4	41134	13981	0	0	0	8850	1337	7	257	115	4228	.	372	.	.	.	.	.	142	159
116	84	5	48017	11188	0	0	0	9457	1128	0	382	116	4223	.	387	.	.	.	.	.	125	205
117	84	6	58278	9841	0	0	0	8971	1418	0	502	117	4232	.	351	.	.	.	.	.	61	110

OBS A3 A4 A6 A8 A9 C3 E2 L1 L5 L6 L9 YO HTGMBTU HTGADJ ELECADJ MBTU MBTUADJ UNITS TONS AREPAIR LREPAIR REPAIRS

105	3710	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	3475	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	7911	50	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	1883	0	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	5242	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	4248	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	6505	0	0	5	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	179	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	3690	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	4078	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	4321	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	3450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	4885	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

12:40 WEDNESDAY, NOVEMBER 14, 19

FT. WINGATE DA

PROCESS ENERGY ANALY

COAL PPG HW FSX MOGAS

MOB ELEC NATGAS

OBS VR MON ELEC NATGAS COAL PPG HW FSX MOGAS HOD CDD TIME LBRFRG TOTHR MAINTHR SUPPHR HTGMBTU HTGADJ ELECADJ MBTU MBTU

1	74	10	884	2815	0	0	0	0	959	212	8	1	2815	2785	884	4458	4458
2	74	11	838	2785	0	0	0	0	1017	593	0	2	2785	4582	838	4440	4440
3	74	12	826	4582	0	0	0	0	507	1020	0	3	4582	8393	826	5895	5895
4	75	1	847	8393	0	0	0	0	870	1051	0	4	8393	3788	847	7910	7910
5	75	2	870	3788	0	0	0	0	418	748	0	5	3788	1538	870	5078	5078
6	75	3	803	2847	0	0	0	0	503	814	0	6	2847	1493	803	3753	3753
7	75	4	789	1538	0	0	0	0	538	449	0	7	1538	1418	789	2885	2885
8	75	5	815	1493	0	0	0	0	732	143	25	8	1493	321	815	2840	2840
9	75	6	592	1418	0	0	0	0	528	8	258	9	1418	345	592	2537	2537
10	75	7	615	321	0	0	0	0	814	0	372	10	321	318	615	1750	1750
11	75	8	545	345	0	0	0	0	924	0	351	11	345	2835	545	1814	1814
12	75	9	650	318	0	0	0	0	921	47	98	12	318	4881	650	1889	1889
13	75	10	826	2835	0	0	0	0	838	256	0	13	2835	3525	826	4097	4097
14	75	11	838	4881	0	0	0	0	453	884	0	14	4881	2833	838	5972	5972
15	75	12	838	5475	0	0	0	0	818	905	0	15	5475	1021	838	8729	8729
16	76	1	1021	3781	0	0	0	0	818	979	0	16	3781	742	1021	5404	5404
17	76	2	742	3525	0	0	0	0	558	822	0	17	3525	847	742	4823	4823
18	76	3	847	2827	0	0	0	0	534	834	0	18	2827	1533	847	4014	4014
19	76	4	777	1533	0	0	0	0	848	304	0	19	1533	3129	777	3158	3158
20	76	5	777	3117	0	0	0	0	580	99	38	20	3117	457	777	4488	4488
21	76	6	510	457	0	0	0	0	548	1	280	21	457	510	510	1513	1513
22	76	7			0	0	0	0	830	0	382	22					
23	76	8			0	0	0	0	47	457	0	23					
24	76	9			0	0	0	0	6	832	35	24					
25	76	10			0	0	0	0	6	832	367	25					
26	76	11			0	0	0	0	530	728	0	26					
27	76	12			0	0	0	0	873	985	0	27					
28	77	1			0	0	0	0	593	1084	0	28					
29	77	2			0	0	0	0	504	875	0	29					
30	77	3			0	0	0	0	510	668	0	30					
31	77	4			0	0	0	0	927	250	0	31					
32	77	5			0	0	0	0	572	81	44	32					
33	77	6			0	0	0	0	802	0	324	33					
34	77	7			0	0	0	0	12	785	0	34					
35	77	8			0	0	0	0	593	0	392	35					
36	77	9			0	0	0	0	12	743	1	36					
37	77	10			0	0	0	0	498	192	7	37					
38	77	11			0	0	0	0	534	551	0	38					
39	77	12			0	0	0	0	851	757	0	39					
40	78	1			0	0	0	0	8	574	870	40					
41	78	2			0	0	0	0	554	713	0	41					
42	78	3			0	0	0	0	890	454	0	42					
43	78	4			0	0	0	0	595	215	4	43					
44	78	5			0	0	0	0	12	889	175	44					
45	78	6			0	0	0	0	12	737	2	45					
46	78	7			0	0	0	0	483	0	521	46					
47	78	8			0	0	0	0	12	588	0	47					
48	78	9			0	0	0	0	425	20	151	48					
49	78	10			0	0	0	0	380	187	27	49					
50	78	11			0	0	0	0	484	521	0	50					
51	78	12			0	0	0	0	417	945	0	51					
52	79	1			0	0	0	0	522	988	0	52					
53	79	2			0	0	0	0	318	885	0	53					
54	79	3			0	0	0	0	533	509	0	54					
55	79	4			0	0	0	0	445	241	5	55					
56	79	5			0	0	0	0	494	100	87	56					

[illegible]

12:40 WEDNESDAY, NOVEMBER 14, 19

FT. WINGATE DA

PROCESS ENERGY ANALYS

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
113	84	2	1891	2848	0	0	0	0	559	714	0	113	.	.	.	.	2848	3291.54	1891	5298	5741.54
114	84	3	858	2532	0	0	0	0	511	598	0	114	.	.	.	.	2532	2904.10	858	3901	4273.10
115	84	4	484	2102	0	0	0	0	501	382	4	115	.	.	.	.	2102	2328.88	484	3087	3291.88
116	84	5	484	1845	0	0	0	0	488	22	179	118	.	.	.	.	1845	1658.67	484	2597	2610.67
117	84	6	418	407	0	0	0	0	440	3	288	117	.	.	.	.	407	408.88	418	1265	1268.88

OBS	YR	MUN	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
1	74	10	40032	0	0	139	0	32935	8805	414	1	1	4540	.	.	.	33074	33074	40032	81911	81911
2	74	11	39231	0	0	128	0	48093	8597	800	3	2	4510	.	.	.	48219	48219	39231	98047	98047
3	74	12	38002	0	0	80	0	86517	8773	911	0	3	4563	.	.	.	86597	86597	38002	133372	133372
4	75	1	38593	0	0	78	0	93698	8748	977	0	4	4512	.	.	.	93778	93778	38593	139115	139115
5	75	2	37932	0	0	88	0	80197	8712	903	0	5	4399	.	.	.	80285	80285	37932	124929	124929
6	75	3	36389	0	0	43	0	82717	8398	818	0	6	4373	.	.	.	82760	82760	36389	125545	125545
7	75	4	38257	0	0	76	0	80242	8915	520	0	7	4357	.	.	.	80318	80318	38257	104490	104490
8	75	5	34788	0	0	59	0	32607	8498	97	97	8	4344	.	.	.	32668	32668	34788	73950	73950
9	75	6	38860	0	0	43	0	15808	7101	13	182	8	4308	.	.	.	15849	15849	38860	61810	61810
10	75	7	41215	0	0	68	0	14380	8700	0	325	10	4402	228	.	.	14428	14428	41215	62343	62343
11	75	8	38721	0	0	62	0	15208	7023	0	354	11	4391	228	.	.	15270	15270	38721	61014	61014
12	75	9	38814	0	0	79	0	19893	6771	87	44	12	4402	228	.	.	19772	19772	38814	65357	65357
13	75	10	38071	0	0	113	0	18953	8882	232	12	13	4395	194	.	.	17068	17068	38071	64019	64019
14	75	11	36818	0	0	94	0	44008	8813	445	2	14	4387	194	.	.	44500	44500	36818	88131	88131
15	75	12	34997	0	0	70	0	90065	8481	951	0	15	4364	194	.	.	90135	90135	34997	131813	131813
16	76	1	34406	0	0	92	0	98899	7803	1150	0	16	4340	204	.	.	98981	98981	34406	141190	141190
17	76	2	38292	0	0	108	0	83567	7358	730	0	17	4318	204	.	.	83873	83873	38292	129323	129323
18	76	3	38582	0	0	50	0	65482	7017	839	0	18	4301	204	.	.	65532	65532	38582	111131	111131
19	76	4	38199	0	0	54	0	54818	8793	354	47	19	4318	187	.	.	54872	54872	38199	101864	101864
20	76	5	34348	0	0	64	0	21905	8940	193	22	20	4340	187	.	.	22029	22029	34348	63317	63317
21	76	6	38828	0	0	38	0	24752	8052	23	283	21	4206	187	.	.	24788	24788	38828	69468	69468
22	76	7	39927	0	0	73	0	21082	6949	0	233	22	4248	187	.	.	21165	21165	39927	68041	68041
23	76	8	43999	0	0	87	0	13082	7861	5	240	23	4248	.	.	.	13149	13149	43999	65009	65009
24	76	9	40078	0	0	86	0	11559	6873	75	73	24	4200	.	.	.	11645	11645	40078	58396	58396
25	76	10	40882	0	0	89	0	21068	7585	418	3	25	4207	198	.	.	21137	21137	40809	69511	69511
26	76	11	40189	0	0	78	0	84287	8677	758	0	28	4255	225	.	.	84345	84345	40182	131204	131204
27	76	12	40068	0	0	87	0	90242	8842	1075	0	27	4285	198	.	.	90329	90329	40068	137237	137237
28	77	1	37804	0	0	92	0	95008	7731	1387	0	28	4271	253	.	.	95098	95098	37804	140633	140633
29	77	2	44998	0	0	78	0	78228	7843	988	0	29	4284	224	.	.	79304	79304	44998	132143	132143
30	77	3	40428	0	0	78	0	52409	7408	588	4	30	4277	283	.	.	52487	52487	40428	100319	100319
31	77	4	40902	0	0	85	0	41894	8898	340	19	31	4250	252	.	.	41979	41979	40902	91577	91577
32	77	5	42352	0	0	29	0	7328	8487	108	95	32	4250	252	.	.	7355	7355	42352	58194	58194
33	77	6	41284	0	0	67	0	18070	7749	32	147	33	4280	285	.	.	18137	18137	41284	67170	67170
34	77	7	42744	0	0	24	0	14892	7780	0	347	34	4254	237	.	.	14718	14718	42744	85220	85220
35	77	8	46632	0	0	81	0	15039	8713	5	297	35	4258	284	.	.	15720	15720	46632	69065	69065
36	77	9	43941	0	0	107	0	15899	8042	35	140	36	4288	268	.	.	16008	16008	43941	67989	67989
37	77	10	42595	0	0	78	0	21889	8458	377	1	37	4303	232	.	.	22067	22067	42595	73120	73120
38	77	11	44440	0	0	68	0	39719	8848	582	3	38	4333	254	.	.	39785	39785	44440	91071	91071
39	77	12	41888	0	0	102	0	93188	9807	1029	0	38	4359	267	.	.	93290	93290	41888	144785	144785
40	78	1	38618	0	0	57	0	73898	7186	1198	0	40	4372	240	.	.	73955	73955	38618	119737	119737
41	78	2	44683	0	0	85	0	88428	8017	1175	0	41	4357	258	.	.	88494	88494	44683	141194	141194
42	78	3	40438	0	0	44	0	80304	8879	810	0	42	4347	288	.	.	80348	80348	40438	130465	130465
43	78	4	41389	0	0	70	0	40562	7199	414	0	43	4314	282	.	.	40832	40832	41389	89220	89220
44	78	5	41134	0	0	32	0	28778	2893	173	89	44	4343	298	.	.	28811	28811	41134	72638	72638
45	78	6	42458	0	0	56	0	22543	7579	17	182	45	4335	286	.	.	22599	22599	42458	72914	72914
46	78	7	42734	0	0	28	0	21274	8107	14	273	46	4344	245	.	.	21300	21300	42734	70141	70141
47	78	8	49984	0	0	48	0	18284	8719	0	377	47	4398	321	.	.	18312	18312	49984	73015	73015
48	78	9	48885	0	0	148	0	15725	7834	48	133	48	4435	285	.	.	15873	15873	48885	70592	70592
49	78	10	44353	0	0	57	0	19717	8527	321	1	49	4428	289	.	.	19774	19774	44353	72659	72659
50	78	11	40623	0	0	90	0	23942	5108	544	0	50	4448	252	.	.	24032	24032	40623	69763	69763
51	78	12	39579	0	0	72	0	68487	7302	878	0	51	4435	226	.	.	68559	68559	39579	115440	115440
52	79	1	43802	0	0	94	0	70508	5488	1104	0	52	4412	314	.	.	70800	70800	43802	119888	119888
53	79	2	45553	0	0	93	0	89577	7381	1182	0	53	4394	260	.	.	89870	89870	45553	122584	122584
54	79	3	40728	0	0	66	0	67401	8845	811	0	54	4375	303	.	.	67487	67487	40728	116840	116840
55	79	4	47421	0	0	73	0	39583	8107	435	5	55	4312	308	.	.	39658	39658	47421	95184	95184
56	79	5	40902	0	0	77	0	20873	7112	123	43	56	4322	232	.	.	20950	20950	40902	68964	68964

OBS	YR	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGM	HTGADJ	ELECADJ	MBTU	MBTUADJ
57	79	6	42537	0	0	80	0	19852	8957	28	138	57	4233	263	19732	20159.7	42537	71228	71854	
58	79	7	45971	0	0	67	0	9318	8214	12	279	58	4238	258	9385	9582.4	45971	63570	63787	
59	79	8	46298	0	0	40	0	20781	7850	14	284	59	4260	280	20801	21031.3	48298	74947	75177	
60	79	9	47465	0	0	35	0	13503	7187	71	92	60	4264	242	13538	14705.8	47465	88170	89338	
61	79	10	41969	0	0	125	0	14798	7005	393	7	61	4283	259	14923	21387.1	41969	83897	70361	
62	79	11	40310	0	0	38	0	41874	7851	538	0	62	4291	218	41912	50728.2	40310	89873	98689	
63	79	12	40148	0	0	64	0	58730	6246	844	0	63	4314	228	58794	70878.3	40148	103188	117070	
64	80	1	39498	0	0	85	0	52400	6307	1070	0	64	4277	302	52485	70084.5	39498	98290	115890	
65	80	2	47340	0	0	101	0	79438	10710	1033	0	65	4240	283	79539	98530.0	47340	137589	154580	
66	80	3	42282	0	0	92	0	52883	7350	799	0	66	4230	285	52975	66117.1	42282	102607	115749	
67	80	4	43268	0	0	44	0	49278	8381	361	0	67	4229	277	49322	55259.8	43268	100951	106889	
68	80	5	42166	0	0	24	0	11930	8182	103	57	68	4210	253	11854	13648.2	42166	82302	63996	
69	80	6	42120	0	0	43	0	11852	10048	48	138	69	4190	251	11895	12484.5	42120	63861	84651	
70	80	7	44799	0	0	59	0	13698	7429	0	355	70	4192	255	13757	13757.0	44799	85985	95985	
71	80	8	51040	0	0	74	0	19274	8289	0	350	71	4181	245	19348	19348.0	51040	79677	79677	
72	80	9	47734	0	0	38	0	18385	7138	57	145	72	4148	283	18423	19380.5	47734	73293	74231	
73	80	10	40252	0	0	113	0	38213	8282	411	0	73	4084	248	38328	45088.2	40252	87860	94620	
74	80	11	42004	0	0	119	0	28084	5980	781	0	74	4095	204	28203	40720.1	42004	78187	88704	
75	80	12	40844	0	0	86	0	68074	5902	1091	0	75	4103	219	68180	84105.0	40844	113908	131851	
76	81	1	39394	0	0	115	0	77390	7178	1277	0	76	4086	268	77505	98509.3	39394	124075	145079	
77	81	2	43778	0	0	72	0	55214	7120	844	0	77	4078	245	55288	69188.3	43778	106184	120068	
78	81	3	39347	0	0	74	0	59078	8123	809	0	78	4082	283	59152	72458.6	39347	108622	119929	
79	81	4	43668	0	0	50	0	30553	8839	339	8	79	4137	273	30803	36178.9	43668	83128	88704	
80	81	5	40971	0	0	57	0	15797	7711	147	80	80	4337	238	15854	18271.9	40971	84536	86954	
81	81	6	44880	0	0	60	0	14904	7818	8	213	81	4437	259	14964	15062.7	44880	67462	67561	
82	81	7	44741	0	0	71	0	12829	8045	0	339	82	4489	293	13000	13000.0	44741	65786	65786	
83	81	8	49731	0	0	32	0	12259	7116	1	232	83	4493	284	12291	12300.4	49731	69380	69380	
84	81	9	45043	0	0	63	0	13575	6752	94	68	84	4344	289	13838	15184.1	45043	65433	66978	
85	81	10	41238	0	0	139	0	34966	8238	437	0	85	4333	261	35105	42292.9	41238	85579	92767	
86	81	11	40461	0	0	98	0	46824	7719	599	0	86	4343	225	48920	56772.5	40461	85100	104952	
87	81	12	40414	0	0	115	0	71893	6234	1021	0	87	4338	231	72008	88801.6	40414	118656	135450	
88	82	1	40832	0	0	122	0	71189	10928	1304	0	88	4325	259	71311	92759.4	40832	123072	144520	
89	82	2	42282	0	0	80	0	68182	8787	948	0	89	4314	236	66282	81854.9	42282	117311	132904	
90	82	3	43245	0	0	75	0	58181	10057	812	0	90	4377	282	58268	71621.9	43245	115568	124924	
91	82	4	43987	0	0	87	0	42808	8309	518	2	91	4344	252	42693	51213.2	43987	94989	103509	
92	82	5	39814	0	0	89	0	18091	6849	128	48	92	4330	209	18180	20265.4	39814	84823	86728	
93	82	6	46006	0	0	40	0	14320	7795	61	70	93	4407	227	14380	15363.3	46006	88181	89164	
94	82	7	45138	0	0	57	0	18488	7171	7	307	94	4375	204	18545	16860.1	45138	88852	89987	
95	82	8	49822	0	0	42	0	12065	7880	12	191	95	4339	214	12107	12304.4	49822	89809	89808	
96	82	9	44744	0	0	49	0	12658	4945	67	83	96	4290	221	12705	13807.0	44744	82124	83228	
97	82	10	42688	0	0	99	0	23324	7398	318	19	97	4297	210	23423	28653.5	42688	73509	78740	
98	82	11	41110	0	0	81	0	52338	7434	520	4	98	4283	168	52419	60972.0	41110	100963	109516	
99	82	12	42027	0	0	180	0	70310	7394	725	0	99	4287	183	70490	82414.9	42027	119911	131836	
100	83	1	40530	0	0	82	0	40761	8845	985	0	100	4258	236	40843	57044.4	40530	90018	106219	
101	83	2	47015	0	0	75	0	59428	8254	876	0	101	4253	306	59501	73909.6	47015	114770	129179	
102	83	3	40481	0	0	93	0	60431	9278	888	0	102	4247	220	60524	71807.4	40481	110263	121546	
103	83	4	45008	0	0	87	0	37923	8359	488	8	103	4255	220	38010	45707.7	45008	92177	98875	
104	83	5	43314	0	0	68	0	20388	8834	211	22	104	4305	257	20432	23902.6	43314	72380	75851	
105	83	6	44708	0	0	79	0	15927	8787	25	154	105	4246	283	18006	16417.2	44708	70479	70890	
106	83	7	47305	0	0	48	0	15908	8070	0	343	106	4292	232	15954	15954.0	47305	71329	71329	
107	83	8	48038	0	0	66	0	21821	7460	2	315	107	4310	280	21887	21919.9	48038	77383	77416	
108	83	9	48987	0	0	53	0	15505	7142	103	148	108	4310	257	15558	17252.2	48987	77887	77381	
109	83	10	42189	0	0	87	0	21270	7134	362	13	109	4321	250	21357	27311.2	42189	70680	76634	
110	83	11	44718	0	0	134	0	48183	7718	328	0	110	4315	235	48317	58648.5	44718	100751	111080	
111	83	12	43108	0	0	117	0	64781	8808	1117	0	111	4302	230	64898	83270.8	43108	114810	133183	
112	84	1	44092	0	0	119	0	65181	6833	1238	0	112	4171	230	65300	85662.8	44092	118225	135588	

OBS YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFR	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ	
113	84	2	44498	0	0	58	0	81008	7400	817	0	113	4153	.	225	.	81084	74502.2	44498	112982	126400
114	84	3	41482	0	0	100	0	82714	7607	962	0	114	4120	.	228	.	82814	78637.1	41482	111903	127728
115	84	4	44208	0	0	72	0	45258	7239	502	0	115	4109	.	219	.	45328	53585.0	44208	98775	105032
116	84	5	43140	0	0	102	0	14754	7301	240	34	116	4093	.	215	.	14858	18803.8	43140	85297	69245
117	84	8	48790	0	0	90	0	21057	7771	11	258	117	4092	.	208	.	21147	21327.9	48790	77708	77889

PROCESS ENERGY ANALYSIS - INGTON-BLUE GRASS DA

14:12 FRIDAY, NOVEMBER 16, 1

18TUADJ

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HM	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	18TU
1	74	10	26584	58	15757	1111	0	8308	4088	338	11	1	3879				23232	23232	26584	53884
2	74	11	23502	100	22958	1295	0	9118	5067	578	4	2	3815				33467	33467	23502	62036
3	74	12	23687	155	29275	1870	0	10316	4414	838	0	3	3588				41418	41418	23687	69517
4	75	1	24499	155	32126	1816	0	14044	5280	852	0	4	3514				47941	47941	24499	77720
5	75	2	23828	148	30795	1199	0	10770	4405	705	0	5	3489				42912	42912	23828	71143
6	75	3	22388	124	31178	1001	0	10170	3937	728	0	6	3414				42473	42473	22388	68798
7	75	4	0	0	8078	1000	0	8297	4182	387	11	7	3374				15375	15375	0	19557
8	75	5	34858	83	8078	1000	0	1480	4487	51	130	8	3327				10821	10821	34858	49948
9	75	6	34870	83	8078	1001	0	711	3603	4	287	9	3239				9853	9853	34870	48328
10	75	7	24815	5	0	802	0	594	3340	0	357	10	3248				1401	1401	24815	29358
11	75	8	24488	7	0	898	0	845	4892	0	394	11	3089				1748	1748	24488	31128
12	75	9	24383	21	0	982	0	309	4180	128	88	12	3008				1292	1292	24383	29855
13	75	10	20718	48	11010	1008	0	3332	5140	249	18	13	2942				15394	15394	20718	41252
14	75	11	22388	78	23025	424	0	5342	3955	488	0	14	2870				28867	28867	22388	55210
15	75	12	21924	194	30180	872	0	11755	3839	895	0	15	2818				42781	42781	21924	88544
16	76	1	23841	195	33551	819	0	17475	4881	1130	0	16	2773				51840	51840	23841	80182
17	76	2	22434	122	30851	499	0	9337	3970	608	0	17	2747				40809	40809	22434	87013
18	76	3	21857	90	23015	319	0	5384	3957	488	9	18	2709				28788	28788	21857	54402
19	76	4					0	3775	4878	339	30	19	2795							
20	76	5					0	1590	3812	158	28	20	2654							
21	76	6					0	484	3314	2	193	21	2597							
22	76	7					0	915	4248	1	257	22	2804							
23	76	8					0	431	3258	4	205	23	2570							
24	76	9					0	414	3302	84	48	24	2538							
25	76	10					0	3987	4154	474	4	25	2524							
26	76	11					0	9387	3538	829	0	26	2497							
27	76	12					0	14982	4120	1050	0	27	2490							
28	77	1					0	18512	3285	1457	0	28	2439							
29	77	2					0	13928	3948	838	0	29	2432							
30	77	3					0	4870	3851	444	11	30	2390							
31	77	4					0	3081	4357	208	52	31	2218							
32	77	5					0	559	3225	52	208	32	2177							
33	77	6					0	204	2989	19	241	33	2103							
34	77	7					0	117	3317	0	422	34	1339							
35	77	8					0	350	2790	0	337	35	1281							
36	77	9					0	1895	3343	8	232	36	1281							
37	77	10					0	2568	2853	277	8	37	1237							
38	77	11					0	2813	2787	498	23	38	1253							
39	77	12					0	14058	3330	972	0	39	1274							
40	78	1					0	10689	2783	1338	0	40	1253							
41	78	2					0	15028	3088	1219	0	41	1267							
42	78	3					0	10514	3753	755	0	42	1278							
43	78	4					0	2821	2750	254	19	43	1280							
44	78	5					0	2085	2731	179	69	44	1284							
45	78	6					0	188	3537	8	257	45	1280							
46	78	7					0	1235	2388	0	349	46	1274							
47	78	8					0	987	3598	0	290	47	1377							
48	78	9					0	5143	2728	20	202	48	1230							
49	78	10					0	987	3477	348	4	49	1243							
50	78	11					0	4375	2527	492	0	50	1247							
51	78	12					0	12932	3452	834	0	51	1245							
52	79	1					0	13248	2954	1277	0	52	1251							
53	79	2					0	14682	3337	1081	0	53	1250							
54	79	3					0	9081	3809	522	2	54	1244							
55	79	4					0	3414	2800	337	8	55	1238							
56	79	5					0	787	2571	110	57	56	1183							

14:12 FRIDAY, NOVEMBER 18.

PROCESS ENERGY ANALYSIS - KINGTON-BLUE GRASS DA

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFR	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
113	84	2	18878	127	34833	112	83	10854	2823	685	0	113	1211	.	11	.	45809	49120.8	18878	87108	70819.8
114	84	3	20219	137	24280	32	58	8812	5338	778	0	114	1206	.	13	.	33399	37387.8	20219	58954	82942.8
115	84	4	19024	87	18784	78	40	4054	7259	370	17	115	1199	.	10	.	21021	22917.9	19024	47304	49200.9
116	84	5	17319	34	0	375	0	774	8470	178	50	118	1220	.	13	.	1183	2095.8	17319	24972	25884.8
117	84	6	17910	14	0	310	0	285	2824	3	340	117	1238	.	11	.	808	824.4	17910	21343	21358.4

11:05 TUESDAY, NOVEMBER 13, 15

PROCESS ENERGY ANALYSIS NEW CUMBERLAND AD

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	MBTU	MBTUADJ	
1	74	10	24778	0	0	0	0	29879	7514	471	0	1	2873	.	.	.	29879	24778	0	82171	82171	
2	74	11	23081	0	0	0	0	53838	7088	838	0	2	2838	.	.	.	53838	23081	0	83985	83985	
3	74	12	24894	0	0	0	0	71177	6038	917	0	3	2831	.	.	.	71177	24894	0	102107	102107	
4	75	1	26309	0	0	0	0	84531	9749	1027	0	4	2859	.	.	.	84531	26309	0	120589	120589	
5	75	2	24983	0	0	0	0	87499	12418	919	0	5	2899	.	.	.	87499	24983	0	104878	104878	
6	75	3	25474	0	0	0	0	81171	13205	841	0	6	2908	.	.	.	81171	25474	0	99850	99850	
7	75	4	25824	0	0	0	0	60095	11539	577	0	7	2955	.	.	.	60095	25824	0	97258	97258	
8	75	5	24035	0	0	0	0	33508	9780	98	79	8	3008	.	.	.	33508	24035	0	87321	87321	
9	75	6	25787	0	0	0	0	14081	9178	19	154	9	3044	.	.	.	14081	25787	0	49044	49044	
10	75	7	28185	0	0	0	0	23528	8321	0	279	10	3085	.	90	.	23528	28185	0	60012	60012	
11	75	8	29974	0	0	0	0	15892	8832	7	247	11	3031	.	90	.	15892	29974	0	54298	54298	
12	75	9	28919	0	0	0	0	18492	8333	122	18	12	3020	.	80	.	18492	28919	0	55744	55744	
13	75	10	27875	0	0	149	0	34170	7525	257	13	13	3109	.	80	.	34319	27875	0	69719	69719	
14	75	11	29800	0	0	178	0	47148	6532	482	1	14	3158	.	80	.	47322	29800	0	83854	83854	
15	75	12	31053	0	0	264	0	73749	8389	995	0	15	3181	.	80	.	74013	31053	0	111435	111435	
16	76	1	29534	0	0	227	0	78185	10828	1282	0	16	3139	.	84	.	78412	29534	0	118772	118772	
17	76	2	30253	0	0	192	0	40343	8484	820	0	17	3139	.	84	.	40535	30253	0	77252	77252	
18	76	3	31018	0	0	306	0	70193	8853	713	0	18	3122	.	84	.	70499	31018	0	108370	108370	
19	76	4	31123	0	0	287	0	81158	8372	414	37	19	3118	.	85	.	81445	31123	0	100940	100940	
20	76	5	30208	0	0	238	0	27408	5577	219	20	20	3084	.	85	.	27644	30208	0	83427	83427	
21	76	6	34408	0	0	184	0	14732	8394	28	282	21	3078	.	85	.	14918	34408	0	55718	55718	
22	76	7	56598	0	0	287	0	3089	7847	1	214	22	3077	.	.	.	3358	564	58525	9	87799	89917
23	76	8	35113	0	0	287	0	17895	6088	9	203	23	3089	.	.	.	18182	20375	35042	9	59383	61508
24	76	9	32877	0	0	287	0	6889	7583	101	59	24	3215	.	.	.	6978	9222	32608	9	47218	49392
25	76	10	31833	0	0	0	0	35794	6828	455	2	25	3279	.	68	.	35794	38245	31582	9	74253	76834
26	76	11	35183	0	0	0	0	81703	8883	817	0	26	3300	.	72	.	61703	64364	35112	9	103749	108340
27	76	12	33153	0	0	0	0	80543	6750	1174	0	27	3320	.	54	.	80543	83410	33082	9	120448	123243
28	77	1	33014	0	0	344	0	101248	6913	1428	0	28	3317	.	73	.	101592	104607	32943	9	141519	144484
29	77	2	35577	0	0	334	0	71508	7377	950	0	29	3322	.	84	.	71850	74588	35508	9	114804	117472
30	77	3	34278	0	0	344	0	50874	8542	604	4	30	3348	.	83	.	51018	53555	34207	9	91838	94305
31	77	4	32724	0	0	344	0	55847	9817	384	13	31	3419	.	70	.	58100	58510	32853	9	98841	100981
32	77	5	35148	0	0	253	0	18957	6842	127	99	32	3496	.	71	.	17210	19471	35077	9	59000	61191
33	77	6	35542	0	0	253	0	10681	8283	35	155	33	3480	.	71	.	10934	13142	35471	9	52739	54877
34	77	7	37874	0	0	287	0	18039	8441	0	331	34	3458	.	59	.	18328	18328	35282	8	84841	82030
35	77	8	37528	0	0	287	0	8887	8141	10	283	35	3419	.	73	.	7154	7174	34914	8	50821	48230
36	77	9	35925	0	0	287	0	9594	8894	58	115	36	3432	.	71	.	9881	9992	33313	8	54700	52199
37	77	10	34081	0	0	254	0	28582	8158	358	1	37	3438	.	87	.	28838	29540	31489	8	89073	87188
38	77	11	36343	0	0	254	0	42847	5489	823	5	38	3401	.	74	.	43101	44333	33731	8	84933	83554
39	77	12	34487	0	0	254	0	78933	5884	1077	0	39	3383	.	57	.	77187	79317	31875	8	117558	117077
40	78	1	31885	0	0	309	0	87584	4710	1238	0	40	3389	.	88	.	87873	70321	29253	8	104448	104285
41	78	2	36308	0	0	309	0	73028	6091	1190	0	41	3378	.	72	.	73335	75688	33698	8	115734	115478
42	78	3	35055	0	0	309	0	82187	8238	871	0	42	3408	.	93	.	82498	84219	32443	8	125787	124898
43	78	4	32434	0	0	302	0	30227	6720	430	0	43	3475	.	73	.	30529	31379	29822	8	69683	67922
44	78	5	35788	0	0	302	0	22520	6588	189	65	44	3524	.	78	.	22822	23198	33174	8	65194	62957
45	78	6	35774	0	0	302	0	10905	10625	15	198	45	3517	.	79	.	11207	11237	33182	8	57608	55024
46	78	7	40264	0	0	298	0	7228	9388	9	247	46	3482	.	68	.	7524	7857	39930	9	57174	57174
47	78	8	38688	0	0	298	0	7828	8838	0	264	47	3428	.	81	.	8128	8459	38352	9	53648	53648
48	78	9	35278	0	0	298	0	9159	8114	94	78	48	3425	.	64	.	9457	9790	34942	9	52847	52847
49	78	10	35322	0	0	383	0	30208	5748	368	0	49	3500	.	70	.	30591	30924	34988	9	71681	71681
50	78	11	37294	0	0	383	0	39517	5381	614	0	50	3508	.	62	.	39900	40233	38980	9	82555	82555
51	78	12	35208	0	0	383	0	80674	8772	971	0	51	3493	.	57	.	81057	81390	34872	9	123035	123035
52	79	1	35438	0	0	439	0	84555	5886	1142	0	52	3473	.	87	.	84994	85327	35104	9	108118	108118
53	79	2	38721	0	0	439	0	78357	8163	1241	0	53	3442	.	62	.	78798	79129	38387	9	123680	123680
54	79	3	35284	0	0	439	0	72715	8842	833	0	54	3394	.	70	.	73154	73487	34930	9	117080	117080
55	79	4	36078	0	0	349	0	31510	8187	480	1	55	3375	.	85	.	31859	32192	35742	9	74122	74122
56	79	5	38118	0	0	349	0	9871	8842	125	42	56	3351	.	68	.	10020	10353	37784	9	54980	54980

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBFRFC	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	M8TU	M8TUADJ
57	79	6	36018	0	0	349	0	8424	9212	29	128	57	3291				8773	9108.3	35884.9	54003	54003
58	79	7	39417	0	0	281	0	5788	5794	13	274	58	3288				8070	10603.4	37082.6	51281	53480
59	79	8	33014	0	0	281	0	5438	5219	22	288	59	3268				5717	10250.4	30879.6	46950	49149
60	79	9	33478	0	0	281	0	4928	5273	78	92	60	3267				5209	9742.4	31143.8	43960	48159
61	79	10	34208	0	0	368	0	17503	4841	388	7	81	3289				17889	22402.4	31873.8	56718	58917
62	79	11	33582	0	0	368	0	49670	5927	509	1	82	3309				50036	54589.4	31247.8	89545	91744
63	79	12	34730	0	0	368	0	50111	3388	884	0	83	3313				50477	55010.4	32395.8	89595	90794
64	80	1	33788	0	0	448	0	51094	5607	1056	0	84	3282				51540	58073.4	31433.8	89815	93114
65	80	2	35284	0	0	448	0	71984	6214	1087	0	85	3217				72430	78983.4	32928.8	113908	118107
66	80	3	35310	0	0	448	0	50243	4534	808	0	86	3159				50889	55222.4	32975.8	90533	92732
67	80	4	33988	0	0	407	0	30578	5034	356	0	87	3139				30985	35518.4	31653.8	70007	72206
68	80	5	33184	0	0	407	0	9284	3963	87	59	88	3118				9701	14234.4	30829.8	46828	49027
69	80	6	34359	0	0	407	0	6370	5840	41	147	89	3179				8777	11310.4	32024.8	46978	49175
70	80	7	41099	0	0	305	0	4425	4257	0	388	70	3153				4730	5182.2	40703.8	50086	50143
71	80	8	36807	0	0	305	0	7835	14240	0	413	71	3098				7940	8392.2	38411.8	58987	59044
72	80	9	37294	0	0	305	0	3414	4456	26	194	72	3098				3719	4171.2	36898.8	45469	45528
73	80	10	34118	0	0	509	0	19857	8198	328	6	73	3084				20188	20818.2	33720.8	82478	82535
74	80	11	35800	0	0	388	0	40579	4228	702	0	74	3098				40987	41419.2	35204.8	80795	80852
75	80	12	36772	0	0	397	0	61907	3893	1092	0	75	3124				82304	82758.2	36378.8	102989	103028
76	81	1	34000	0	0	282	0	74960	4335	1290	0	76	3108				75242	75894.2	33804.8	113577	113634
77	81	2	35705	0	0	362	0	51491	4285	823	0	77	3080				51853	52305.2	35309.8	91823	91880
78	81	3	36308	0	0	486	0	44865	4919	818	0	78	3117				45131	45583.2	35912.8	88358	88415
79	81	4	34417	0	0	405	0	18348	4834	392	0	79	3191				18753	19205.2	34021.8	57804	57861
80	81	5	37168	0	0	313	0	9526	5182	163	50	80	3233				9839	10291.2	38770.8	52187	52244
81	81	6	40716	0	0	345	0	3610	4546	6	210	81	3281				3955	4407.2	40320.8	49217	49274
82	81	7	40870	0	0	300	0	5273	4137	0	307	82	3367				5573	8025.2	40353.2	50380	50715
83	81	8	39347	0	0	251	0	6533	4183	3	183	83	3380				6784	7236.2	39230.2	50294	50629
84	81	9	38906	0	0	211	0	5878	4732	100	81	84	3330				8089	6541.2	38789.2	49727	50062
85	81	10	37132	0	0	400	0	26898	4482	465	0	85	3391				27098	27550.2	37015.2	68712	69047
86	81	11	40090	0	0	354	0	40508	4798	843	0	86	3409				40882	47395.4	39973.2	85751	92168
87	81	12	38535	0	0	461	0	58668	3978	1058	0	87	3414				57129	66087.0	38418.2	99842	108463
88	82	1	38795	0	0	459	0	68819	4941	1388	0	88	3424				69278	80133.8	39578.2	113914	124653
89	82	2	38795	0	0	413	0	58481	5097	975	0	89	3439				58894	85351.0	41005.2	103113	111453
90	82	3	38795	0	0	408	0	51398	5798	851	0	90	3423				51804	59542.6	39137.2	98858	104478
91	82	4	37254	0	0	368	0	24534	4504	528	1	91	3435				24902	30769.1	37409.2	88932	72882
92	82	5	40206	0	0	348	0	6990	3855	110	37	92	3522				7338	10783.1	40089.2	51399	54727
93	82	6	39695	0	0	286	0	4875	4658	50	78	93	3509				4981	8038.7	39578.2	49314	52295
94	82	7	40498	0	0	317	0	4885	3837	5	274	94	3478				5202	8038.7	40381.2	49335	52057
95	82	8	39660	0	0	288	0	3773	4220	28	137	95	3393				4081	7031.0	39545.2	47941	50798
96	82	9	41884	0	0	287	0	5993	3958	82	63	96	3053				8280	9582.9	41749.2	52102	55270
97	82	10	37027	0	0	348	0	11434	3544	347	13	97	3388				11782	16800.3	36912.2	52353	57058
98	82	11	38837	0	0	380	0	58342	4132	575	0	98	3500				58702	82841.4	38722.2	99871	105698
99	82	12	38071	0	0	419	0	50385	4834	815	0	99	3487				50784	58314.0	37956.2	93489	100904
100	83	1	39359	0	0	345	0	66381	5637	1071	0	100	3472				68728	75739.3	39244.2	111722	120620
101	83	2	40820	0	0	302	0	57273	4415	920	0	101	3478				57575	65713.4	40705.2	102810	110834
102	83	3	39765	0	0	352	0	51787	5374	708	0	102	3475				52139	59049.0	39650.2	97278	104073
103	83	4	37723	0	0	298	0	33358	3990	477	11	103	3462				33858	39227.8	37608.2	75368	80828
104	83	5	39788	0	0	187	0	5978	4428	222	21	104	3490				6183	10257.1	39673.2	50380	54359
105	83	6	41298	0	0	325	0	3721	4248	23	179	105	3421				4048	6987.0	41181.2	48590	52418
106	83	7	41298	0	0	325	0	3120	3879	0	381	106	3382				3445	6252.8	41081.8	48420	51014
107	83	8	43038	0	0	288	0	3904	4148	1	337	107	3307				4192	7005.5	42821.8	51376	53975
108	83	9	38210	0	0	289	0	3102	3327	98	148	108	3264				3391	6755.0	37995.8	44928	48078
109	83	10	38795	0	0	220	0	21323	3415	338	13	109	3211				21543	28297.8	36580.8	81753	86293
110	83	11	39382	0	0	266	0	44014	3221	839	0	110	3187				44280	50790.2	39187.8	88883	93179
111	83	12	38934	0	0	193	0	66534	3400	1121	0	111	3129				68727	78030.0	38748.8	109091	118180
112	84	1	40507	0	0	199	0	68429	3937	1295	0	112	3058				88028	70919.2	40292.8	111072	121169

11:05 TUESDAY, NOVEMBER 13, 11

EV CUMBERLAND AD

PROCESS ENERGY ANALYSIS

OBS YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	M8TU	M8TUADJ
113	84	2	38338	0	0	197	0	48474	3838	813	0	113	3060	.	.	48871	54189.4	38123.8	88847	98151
114	84	3	37039	0	0	180	0	82143	4838	983	0	114	3053	.	.	82303	70890.5	38824.8	103878	112151
115	84	4	40887	0	0	111	0	28859	3678	484	0	115	3055	.	.	28970	34488.2	40852.8	73513	78795
116	84	5	38790	0	0	170	0	8925	4085	211	25	116	3108	.	.	10095	14125.3	38575.8	52950	58768
117	84	6	39463	0	0	139	0	5515	5012	12	228	117	3272	.	.	5854	8531.3	39248.8	50129	52792

11:07 TUESDAY, NOVEMBER 13, 1

PROCESS ENERGY ANA 3 - PUEBLO DA

OBS	VR	MON	ELEC	NATGAS	COAL	PPG	HM	FSX	MOGAS	HOU	DO	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGMSTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
1	74	10	15938	178	16911	109	0	2173	4313	250	4	1	.	.	.	.	19371	19371	15938	39822	39822
2	74	11	17423	292	33154	33	0	8563	8338	898	0	2	.	.	.	.	42042	42042	17423	85803	85803
3	74	12	19813	477	51584	48	0	18497	4428	1118	0	3	.	.	.	.	88608	88608	19813	92847	92847
4	75	1	21889	703	50947	89	0	23429	4843	1024	0	4	.	.	.	.	75148	75148	21889	101880	101880
5	75	2	20871	538	42892	22	0	18933	4137	878	0	5	.	.	.	.	80385	80385	20871	85193	85193
6	75	3	19511	531	31804	28	0	10672	3834	758	0	6	.	.	.	.	43035	43035	19511	86380	86380
7	75	4	19500	430	32884	68	0	10287	3789	472	8	7	.	.	.	.	43448	43448	19500	66718	66718
8	75	5	18177	221	14485	43	0	4124	5170	187	14	8	.	.	.	.	18853	18853	18177	42200	42200
9	75	6	11887	185	18374	43	0	4963	4098	39	19	9	.	.	.	.	21545	21545	11887	37511	37511
10	75	7	17574	108	9780	24	0	204	3833	0	371	10	.	.	.	.	10094	10094	17574	31501	31501
11	75	8	17008	850	5924	33	0	448	5788	0	328	11	.	.	.	.	7255	7255	17008	30030	30030
12	75	9	15938	112	6418	33	0	583	4148	119	97	12	.	.	.	.	7146	7146	15938	27232	27232
13	75	10	18530	188	14308	103	0	5280	3722	320	3	13	.	.	.	.	19877	19877	18530	40129	40129
14	75	11	17272	328	24093	50	0	11735	3240	795	0	14	.	.	.	.	38208	38208	17272	58718	58718
15	75	12	18487	529	37238	83	0	14874	2776	874	0	15	.	.	.	.	52502	52502	18487	73745	73745
16	76	1	17272	814	44113	72	0	18308	3578	1049	0	16	.	.	.	.	83108	83108	17272	83958	83958
17	76	2	.	.	25519	34	0	11764	3070	714	0	17	.	.	.	.	.	.	.	.	.
18	76	3	17878	496	34895	90	0	11143	2823	814	0	18	.	.	.	.	48824	48824	17878	87123	87123
19	76	4	18240	304	19335	47	0	10018	1858	401	0	19	.	.	.	.	29704	29704	18240	47802	47802
20	76	5	15938	284	6089	24	0	3297	2838	175	8	20	.	.	.	.	9874	9874	15938	28250	28250
21	76	6	15231	150	6590	89	0	5860	2250	25	183	21	.	.	.	.	12889	12889	15231	30150	30150
22	76	7	.	.	.	0	0	1414	2184	0	385	22	.	.	.	.	.	.	.	.	.
23	76	8	.	.	.	0	0	2903	1885	2	238	23	.	.	.	.	.	.	.	.	.
24	76	9	.	.	.	0	0	1372	1818	108	78	24	.	.	.	.	.	.	.	.	.
25	76	10	.	.	.	0	0	8137	2828	507	0	25	.	.	.	.	.	.	.	.	.
26	76	11	.	.	.	0	0	7814	2586	661	0	26	.	.	.	.	.	.	.	.	.
27	76	12	.	.	.	0	0	13084	1950	986	0	27	.	.	.	.	.	.	.	.	.
28	77	1	.	.	.	0	0	18798	3198	1151	0	28	.	.	.	.	.	.	.	.	.
29	77	2	.	.	.	0	0	10288	2325	747	0	29	.	.	.	.	.	.	.	.	.
30	77	3	.	.	.	0	0	9894	2558	708	0	30	.	.	.	.	.	.	.	.	.
31	77	4	.	.	.	0	0	8728	3084	318	1	31	.	.	.	.	.	.	.	.	.
32	77	5	.	.	.	0	0	4423	2529	44	57	32	.	.	.	.	.	.	.	.	.
33	77	6	.	.	.	0	0	1120	1904	1	283	33	.	.	.	.	.	.	.	.	.
34	77	7	.	.	.	0	0	544	1843	0	398	34	.	.	.	.	.	.	.	.	.
35	77	8	.	.	.	0	0	898	2544	4	293	35	.	.	.	.	.	.	.	.	.
36	77	9	.	.	.	0	0	1005	2899	34	115	36	.	.	.	.	.	.	.	.	.
37	77	10	.	.	.	0	0	48	2281	343	0	37	.	.	.	.	.	.	.	.	.
38	77	11	.	.	.	0	0	4093	3497	723	0	38	.	.	.	.	.	.	.	.	.
39	77	12	.	.	.	0	0	14855	88	894	0	39	.	.	.	.	.	.	.	.	.
40	78	1	.	.	.	0	0	24982	47	1228	0	40	.	.	.	.	.	.	.	.	.
41	78	2	.	.	.	0	0	13578	4898	1001	0	41	.	.	.	.	.	.	.	.	.
42	78	3	.	.	.	0	0	12477	4172	853	3	42	.	.	.	.	.	.	.	.	.
43	78	4	.	.	.	0	0	6029	3184	347	0	43	.	.	.	.	.	.	.	.	.
44	78	5	.	.	.	0	0	251	3231	238	27	44	.	.	.	.	.	.	.	.	.
45	78	6	.	.	.	0	0	882	3347	54	217	45	.	.	.	.	.	.	.	.	.
46	78	7	.	.	.	0	0	84	5937	0	411	46	.	.	.	.	.	.	.	.	.
47	78	8	.	.	.	0	0	8903	3298	8	255	47	.	.	.	.	.	.	.	.	.
48	78	9	.	.	.	0	0	10019	4494	59	118	48	.	.	.	.	.	.	.	.	.
49	78	10	.	.	.	0	0	309	3253	347	2	49	.	.	.	.	.	.	.	.	.
50	78	11	.	.	.	0	0	9988	3129	778	0	50	.	.	.	.	.	.	.	.	.
51	78	12	.	.	.	0	0	6024	3250	1284	0	51	.	.	.	.	.	.	.	.	.
52	79	1	.	.	.	0	0	15104	3891	1509	0	52	.	.	.	.	.	.	.	.	.
53	79	2	.	.	.	0	0	13030	3423	849	0	53	.	.	.	.	.	.	.	.	.
54	79	3	.	.	.	0	0	8087	4421	874	0	54	.	.	.	.	.	.	.	.	.
55	79	4	.	.	.	0	0	7875	3564	391	1	55	.	.	.	.	.	.	.	.	.
56	79	5	.	.	.	0	0	3757	3444	247	25	56	.	.	.	.	.	.	.	.	.

PROCESS ENERGY ANAI : - PUEBLO DA 11:07 TUESDAY, NOVEMBER 13, 1 3

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	MTGMBTU	MTGADJ	ELECADJ	MBTU	MBTUADJ
113	84	2	9848	844	17993	78	0	9848	3368	834	0	113	.	.	17	.	28359	28191.1	9848	41573	41405.1
114	84	3	9288	575	14134	87	0	11504	3342	783	0	114	.	.	14	.	26280	26126.4	9288	38890	38736.4
115	84	4	10452	505	14011	0	0	7252	3108	505	0	115	.	.	11	.	21788	21688.4	10452	33328	35228.4
116	84	5	8352	258	9385	44	0	2301	2831	120	78	116	.	.	12	.	11988	11943.8	8352	23151	23126.8
117	84	6	9210	112	4523	50	0	1275	2880	.	.	117	.	.	17	.	5980	.	9210	18080	.

OBS YR	J	ELEC	NATGAS	COAL	PPG HW	FSX	MOGAS	HDD	COD	TIME	LBI	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	M8TU	MB	J
1	74	10	30705	19722	0	874	0	4000	9874	32	77	1			24598	24598	30705	65175	65175	
2	74	11	33779	38534	0	146	0	5000	14612	312	35	2			43680	43680	33779	92071	92071	
3	74	12	29048	47608	0	275	0	5837	18088	541	0	3			53720	53720	29048	100832	100832	
4	75	1	33884	50087	0	255	0	11392	18517	473	23	4			61734	61734	33884	114135	114135	
5	75	2	35171	42212	0	218	0	7000	18357	457	0	5			49428	49428	35171	102958	102958	
6	75	3	33257	45951	0	88	0	5000	18210	305	21	6			51037	51037	33257	100504	100504	
7	75	4	38078	38000	0	81	0	1100	9048	124	91	7			39181	39181	38078	84305	84305	
8	75	5	40835	25358	0	0	0	913	10533	0	238	8			26289	26289	40835	77437	77437	
9	75	6	43908	22858	0	0	0	913	12038	0	403	9			23771	23771	43908	79715	79715	
10	75	7	41748	22059	0	0	0	527	9908	0	501	10			22588	22588	41748	74240	74240	
11	75	8	45808	21884	0	100	0	527	10338	0	493	11			22511	22511	45808	78655	78655	
12	75	9	41783	22459	0	0	0	528	10289	4	271	12			22985	22985	41783	75057	75057	
13	75	10	38338	21533	0	102	0	11574	12003	39	141	13			33209	33209	38338	83550	83550	
14	75	11	38184	42749	0	444	0	7235	9914	288	34	14			50428	50428	38184	98508	98508	
15	75	12	32770	50198	0	281	0	19388	7933	492	12	15			69857	69857	32770	110580	110580	
16	76	1	31658	33874	0	253	0	38890	10826	551	2	16			72817	72817	31658	115099	115099	
17	76	2	33733	37948	0	160	0	11248	8182	186	26	17			49354	49354	33733	91289	91289	
18	76	3	31204	46978	0	53	0	7171	7905	202	58	18			54200	54200	31204	93309	93309	
19	76	4	32144	36444	0	98	0	2108	10187	38	118	19			38649	38649	32144	80980	80980	
20	76	5	34858	27960	0	95	0	258	11303	17	112	20			24409	24409	34858	74472	74472	
21	76	6	37224	23494	0	0	0	815	8841	0	328	21			28311	28311	37224	70474	70474	
22	76	7	40345	22110	0	0	0	1088	12310	0	428	22			23176	23176	40345	75831	75831	
23	76	8	45449	23889	0	55	0	775	12199	0	432	23			24499	24499	45449	82147	82147	
24	76	9	43117	21403	0	0	0	1983	10018	0	288	24			23388	23388	43117	76499	76499	
25	76	10	31584	34751	0	819	0	4957	11478	199	48	25			40327	40327	31584	83389	83389	
26	76	11	34487	27837	0	208	0	29591	10143	471	7	26			57434	57434	34487	102084	102084	
27	76	12	36888	31285	0	284	0	45458	11388	574	0	27			77027	77027	36888	125303	125303	
28	77	1	32932	35771	0	355	0	48041	10887	851	0	28			82187	82187	32932	125788	125788	
29	77	2	35208	22010	0	543	0	45882	9493	399	7	29			88215	88215	35208	112914	112914	
30	77	3	32979	15828	0	198	0	38872	5948	188	28	30			52898	52898	32979	91821	91821	
31	77	4	36853	23942	0	0	0	20294	10889	48	69	31			44238	44238	36853	91758	91758	
32	77	5	37758	25773	0	68	0	1171	8528	0	289	32			77012	77012	37758	73298	73298	
33	77	6	41540	22642	0	38	0	1095	8187	0	443	33			23775	23775	41540	73482	73482	
34	77	7	40588	22877	0	0	0	1724	10211	0	580	34			24801	24801	40588	75400	75400	
35	77	8	46809	23757	0	0	0	1188	9235	0	479	35			24945	24945	46809	80789	80789	
36	77	9	43488	22929	0	0	0	1858	11827	0	419	36			24787	24787	43488	79902	79902	
37	77	10	37308	28518	0	388	0	1445	8528	72	119	37			30347	30347	37308	78181	78181	
38	77	11	37955	45042	0	0	0	2039	8927	280	12	38			47081	47081	37955	91983	91983	
39	77	12	34588	54645	0	105	0	13281	7914	549	9	39			88031	88031	34588	110513	110513	
40	78	1	34359	78878	0	428	0	12858	8002	933	5	40			92182	92182	34359	132523	132523	
41	78	2	39220	70250	0	218	0	15861	10383	748	0	41			86329	86329	39220	135912	135912	
42	78	3	33930	60581	0	320	0	3279	12508	374	3	42			84160	84160	33930	110596	110596	
43	78	4	35890	25910	0	0	0	3215	7754	61	84	43			29125	29125	35890	72769	72769	
44	78	5	38152	24230	0	0	0	2128	8282	30	303	44			26358	26358	38152	72770	72770	
45	78	6	42897	21695	0	0	0	2394	11323	0	472	45			24089	24089	42897	78309	78309	
46	78	7	46319	21804	0	0	0	585	8548	0	837	46			22369	22369	46319	77234	77234	
47	78	8	49138	22578	0	78	0	1889	8284	0	570	47			24343	24343	49138	81785	81785	
48	78	9	48852	22870	0	0	0	9018	2728	0	391	48			31888	31888	48852	81268	81268	
49	78	10	38779	29985	0	0	0	885	8514	57	98	49			30850	30850	38779	78143	78143	
50	78	11	37503	45105	0	307	0	1491	9051	181	39	50			46903	46903	37503	93457	93457	
51	78	12	36401	66755	0	168	0	3128	12145	528	8	51			70069	70069	36401	118815	118815	
52	79	1	42398	54879	0	388	0	33307	9672	849	0	52			94572	94572	42398	146842	146842	
53	79	2	42096	46029	0	628	0	43379	10925	517	8	53			90034	90034	42096	143055	143055	
54	79	3	35531	53557	0	88	0	3381	11298	216	39	54			57004	57004	35531	103831	103831	
55	79	4	39684	33784	0	60	0	926	10252	50	88	55			34770	34770	39684	84708	84708	
56	79	5	37132	27778	0	45	0	658	9098	11	178	56			28481	28481	37132	74709	74709	

PROCESS ENERGY ANALYSIS - RED RIVER AD

11:09 TUESDAY, NOVEMBER 13, 1984

OBS Y	N	ELEC	NATGAS	COAL	PPG HW	FSX	MOGAS	HDD	CDD	TIME	LB	TOTHR	MAINTHR	SUPPHR	HTGM8TU	HTGADJ	ELECADJ	M8TU	MB	J
57 79	6	41400	23240	0	90	0	728	10804	0	395	57	5237	.	.	.	24058	24058	41400	76262	76262
58 79	7	42131	21678	0	0	0	381	7675	0	509	58	5186	.	.	.	22039	22498	42131	71845	72302
59 79	8	45194	21829	0	0	0	867	11541	0	483	59	5052	.	.	.	22318	22773	45194	79051	79508
60 79	9	39278	20588	0	0	0	858	9375	0	284	60	5074	.	.	.	21248	21703	39278	88899	70358
61 79	10	.	.	0	0	0	634	9752	52	124	81	5042	.	.	.	.	.	.	.	.
62 79	11	.	.	0	0	0	1515	10422	368	8	82	5031	.	.	.	.	.	.	.	.
63 79	12	.	.	0	0	0	2050	8097	498	2	83	5014	.	.	.	.	.	.	.	.
64 80	1	.	.	0	0	0	2027	7179	508	1	84	5002	.	.	.	.	.	.	.	.
65 80	2	.	.	0	0	0	18842	11838	484	6	85	5024	.	.	.	.	.	.	.	.
66 80	3	.	.	0	0	0	9967	11483	312	6	88	5080	.	.	.	.	.	.	.	.
67 80	4	.	.	0	0	0	987	8187	98	43	87	5142	.	.	.	.	.	.	.	.
68 80	5	.	.	0	0	0	850	10370	4	298	88	5200	.	.	.	.	.	.	.	.
69 80	6	.	.	0	0	0	810	8786	0	580	89	5287	.	.	.	.	.	.	.	.
70 80	7	.	.	0	0	0	431	8400	0	686	70	5232	.	.	.	.	.	.	.	.
71 80	8	.	.	0	0	0	588	10582	0	843	71	5090	.	.	.	.	.	.	.	.
72 80	9	.	.	0	0	0	841	8411	3	522	72	4980	.	.	.	.	.	.	.	.
73 80	10	35473	27798	0	338	0	1432	9710	128	86	73	4972	.	.	.	29588	29951	35473	74751	75134
74 80	11	38180	51531	0	149	0	2051	8367	340	22	74	4935	.	.	.	53731	54370	38180	98278	98917
75 80	12	33338	62439	0	87	0	2341	9237	488	1	75	4927	.	.	.	84847	85685	33338	107422	108240
76 81	1	32724	40683	0	279	0	10054	8832	620	0	76	4873	.	.	.	74398	75374	32724	116930	116930
77 81	2	37723	49382	0	258	0	13857	10342	425	5	77	4863	.	.	.	83477	84219	37723	111542	112284
78 81	3	33640	52848	0	0	0	3008	11207	279	10	78	5125	.	.	.	55954	56520	33640	100801	101387
79 81	4	39089	30302	0	0	0	1025	9704	14	171	79	4847	.	.	.	31327	31572	39089	80100	80345
80 81	5	37804	28980	0	0	0	921	8153	20	157	80	5210	.	.	.	28134	28691	37804	74838	75091
81 81	6	49509	21848	0	0	0	816	12653	0	483	81	5838	.	.	.	22482	22891	49509	84624	84853
82 81	7	51272	23159	0	0	0	921	12351	0	558	82	8073	.	.	.	24080	25337	51272	87703	88980
83 81	8	52188	24335	0	0	0	623	12708	0	511	83	5985	.	.	.	24958	26215	52188	88654	91111
84 81	9	45252	24032	0	0	0	757	13888	8	284	84	5815	.	.	.	24789	26099	45252	83909	85219
85 81	10	42398	37105	0	153	0	1381	12441	128	135	85	5784	.	.	.	38639	40753	42398	93478	95592
86 81	11	39417	48851	0	287	0	1893	10109	248	6	86	5811	.	.	.	49031	51923	39417	98557	101449
87 81	12	41493	63557	0	380	0	8336	12227	554	0	87	5850	.	.	.	72313	77253	41493	126033	130973
88 82	1	38651	58593	0	409	0	24988	9872	588	14	88	5839	.	.	.	83700	88868	38651	132223	137389
89 82	2	42288	70937	0	299	0	2755	11351	537	0	89	5840	.	.	.	74051	78878	42288	129891	134518
90 82	3	38988	48311	0	90	0	2082	12719	202	99	90	5816	.	.	.	50463	53083	38988	102170	104770
91 82	4	39231	37801	0	105	0	1415	11832	125	81	91	5818	.	.	.	39321	41409	39231	90384	92472
92 82	5	42247	28960	0	0	0	1258	11953	4	300	92	5842	.	.	.	28218	29502	42247	82418	83702
93 82	6	45352	24793	0	0	0	1031	12223	0	413	93	5850	.	.	.	25824	27081	45352	83299	84558
94 82	7	49254	23322	0	0	0	328	11712	0	573	94	5801	.	.	.	23648	24334	49254	84614	85300
95 82	8	54532	25218	0	0	0	594	13068	0	573	95	5740	.	.	.	25824	26510	54532	93422	94108
96 82	9	50773	22388	0	12	0	899	11327	9	333	96	5684	.	.	.	23087	23753	50773	85187	85853
97 82	10	42015	32288	0	184	0	1113	11004	120	115	97	5684	.	.	.	33583	34289	42015	88802	87288
98 82	11	40858	58708	0	177	0	1782	14587	309	24	98	5880	.	.	.	58867	59353	40858	113892	114578
99 82	12	45881	69633	0	514	0	1980	13517	457	32	99	5957	.	.	.	72127	72813	45881	131325	132011
100 83	1	38489	79072	0	420	0	1832	14246	824	0	100	5975	.	.	.	81124	81810	38489	133859	134545
101 83	2	41145	83601	0	202	0	2231	13088	449	0	101	5958	.	.	.	86034	88720	41145	120247	120933
102 83	3	39254	61871	0	336	0	2248	13893	308	7	102	6031	.	.	.	84455	85141	39254	117602	118288
103 83	4	41899	53227	0	38	0	1808	12386	186	34	103	6121	.	.	.	54873	55559	41899	109158	109844
104 83	5	41932	31059	0	0	0	1124	18091	12	176	104	6131	.	.	.	32183	32889	41932	90268	90952
105 83	6	48094	25091	0	98	0	987	12845	0	381	105	6132	.	.	.	28154	28840	48094	88893	87579
106 83	7	48813	23830	0	0	0	932	11877	0	540	106	6125	.	.	.	24782	28159	48813	85252	86649
107 83	8	50320	23593	0	110	0	835	15105	0	595	107	6078	.	.	.	24338	27735	50320	99763	113160
108 83	9	50648	21794	0	327	0	955	13453	15	343	108	6051	.	.	.	23078	26473	50648	87175	100572
109 83	10	43732	28580	0	38	0	1969	10198	89	128	109	6082	.	.	.	28587	41984	43732	82515	95912
110 83	11	43152	43477	0	323	0	2599	9760	305	39	110	6053	.	.	.	48399	59798	43152	99311	112708
111 83	12	41818	79808	0	135	0	15385	9985	848	0	111	6093	.	.	.	95328	108723	41818	147109	160508
112 84	1	45321	82518	0	449	0	11970	8931	747	0	112	6138	.	.	.	94935	108332	45321	150187	163584

PROCESS ENERGY ANALYSIS - RED RIVER AD

OBS YR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483
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11:10 TUESDAY, NOVEMBER 13, 1981

PROCESS ENERGY ANALYSIS SACRAMENTO AD

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HDD CDD TIME LBRFC TOTHR MAINTHR SUPPHR HTGM8TU HTGADJ ELECADJ MBTU MBTUADJ

1	74	10	19186	5524	0	0	0	0	0	2084	44	89	1	2828						5524	19186	26794	26794
2	74	11	22040	7409	0	0	0	0	0	2721	347	0	2	2827						7409	22040	32170	32170
3	74	12	20451	17423	0	0	0	0	0	509	2339	589	0	3	2843					17932	20451	40722	40722
4	75	1	21309	20074	0	0	0	0	0	912	2753	681	0	4	2818					20988	21309	45048	45048
5	75	2	19827	18397	0	0	0	0	0	358	2325	435	0	5	2795					18755	19827	40707	40707
6	75	3	20787	18499	0	0	0	0	0	0	2328	448	0	6	2785					18499	20787	39815	39815
7	75	4	19558	18518	0	0	0	0	0	0	2751	389	0	7	2788					18518	19558	38827	38827
8	75	5	20752	13445	0	0	0	0	0	0	2976	69	177	8	2937					13445	20752	37173	37173
9	75	6	21414	5898	0	0	0	0	0	0	2302	1	258	9	2778					5898	21414	29412	29412
10	75	7	20787	5812	0	0	0	0	0	0	2094	0	388	10	2772					5812	20787	28493	28493
11	75	8	21495	5529	0	0	0	0	0	0	2794	0	375	11	2774					5529	21495	29818	29818
12	75	9	20787	5511	0	0	0	0	0	0	2024	0	375	12	2755					5511	20787	28322	28322
13	75	10	18003	5323	0	0	0	0	0	8	2357	72	81	13	2707					5329	18003	25889	25889
14	75	11	21193	10158	0	0	0	0	0	487	1885	308	0	14	2893					10825	21193	33703	33703
15	75	12	20335	16282	0	0	0	0	0	0	1984	539	0	15	2882					16282	20335	38581	38581
16	76	1	20938	19296	0	0	0	0	0	0	2213	547	0	16	2833					19296	20938	42447	42447
17	76	2	18748	16249	0	0	0	0	0	445	1887	374	0	17	2821					16894	18748	37327	37327
18	76	3	18931	16584	0	0	0	0	0	522	1689	315	1	18	2810					17108	18931	37738	37738
19	76	4	19418	14241	0	0	0	0	0	0	2195	211	8	19	2591					14241	19418	35854	35854
20	76	5	18711	9675	0	0	0	0	0	0	1856	1	187	20	2555					9675	18711	30242	30242
21	76	6	19337	5448	0	0	0	0	0	0	1734	3	278	21	2527					5448	19337	28517	28517
22	76	7			0	0	0	0	0	0	2124	0	383	22	2386								
23	76	8			0	0	0	0	0	0	1888	0	270	23	2360								
24	76	9			0	0	0	0	0	0	1883	1	213	24	2328								
25	76	10			0	0	0	0	0	0	2119	44	83	25	2311								
26	76	11			0	0	0	0	0	0	1404	252	8	26	2315								
27	76	12			0	0	0	0	0	0	2263	587	0	27	2281								
28	77	1			0	0	0	0	0	0	1702	850	0	28	2281								
29	77	2			0	0	0	0	0	0	8208	345	0	29	2278								
30	77	3			0	0	0	0	0	0	18583	424	0	30	2276								
31	77	4			0	0	0	0	0	0	4521	92	12	31	2339								
32	77	5			0	0	0	0	0	21	1934	187	19	32	2351								
33	77	6			0	0	0	0	0	0	1859	9	230	33	2384								
34	77	7			0	0	0	0	0	0	2193	0	290	34	2392								
35	77	8			0	0	0	0	0	5	2348	0	284	35	2379								
36	77	9			0	0	0	0	0	5	2527	17	139	36	2357								
37	77	10			0	0	0	0	0	0	1514	68	40	37	2369								
38	77	11			0	0	0	0	0	0	2053	309	0	38	2376								
39	77	12			0	0	0	0	0	0	2224	472	0	39	2365								
40	78	1			0	0	0	0	0	16208	2143	451	0	40	2343								
41	78	2			0	0	0	0	0	10128	1903	382	0	41	2343								
42	78	3			0	0	0	0	0	4884	1907	235	0	42	2339								
43	78	4			0	0	0	0	0	195	1593	289	0	43	2370								
44	78	5			0	0	0	0	0	0	1459	48	98	44	2472								
45	78	6			0	0	0	0	0	0	1982	0	157	45	2755								
46	78	7			0	0	0	0	0	0	1397	0	318	46	2778								
47	78	8			0	0	0	0	0	0	1388	0	315	47	2798								
48	78	9			0	0	0	0	0	0	1628	11	157	48	2750								
49	78	10			0	0	0	0	0	0	1320	51	87	49	2787								
50	78	11			0	0	0	0	0	33	1328	449	0	50	2773								
51	78	12			0	0	0	0	0	798	1907	715	0	51	2783								
52	79	1			0	0	0	0	0	929	1477	808	0	52	2749								
53	79	2			0	0	0	0	0	791	1818	448	0	53	2773								
54	79	3			0	0	0	0	0	425	1744	313	0	54	2727								
55	79	4			0	0	0	0	0	38	1507	238	0	55	2717								
56	79	5			0	0	0	0	0	0	1509	57	117	56	2708								

11:10 TUESDAY, NOVEMBER 13, 1.

PROCESS ENERGY ANALY. - SACRAMENTO AD

QBS YR MON ELEC NATGAS COAL PPG HW FSX WOGAS HDD CDD TIME LBRFC TOTHR MAINTHR SUPPHR HTGMSTU HTGADJ ELECADJ MBTU MBTUADJ

113 84	2	20752	21928	0	0	0	0	1143	421	0	113	3155	179	21928	18207.0	16918.7	43823	38288.7
114 84	3	21901	21901	0	0	0	0	1155	208	0	114	3194	235	21901	20080.3	18087.7	44957	39303.0
115 84	4	20230	18358	0	0	0	108	1102	191	8	115	3213	383	18462	14773.9	16398.7	37794	32272.5
116 84	5	19152	8384	0	0	0	29	1078	22	183	118	3218	352	8413	8218.6	15318.7	28843	24815.2
117 84	6	20915	8151	0	0	0	93	1240	11	216	117	3203	151	6244	6148.8	17081.7	28399	24468.4

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14:19 FRIDAY, NOVEMBER 10.

14:19 FRIDAY, NOVEMBER 10.

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HM	FSX	MOGAS	HDD	CDD	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
113	84	2	3468	0	0	18	0	17126	834	880	0	113	269	.	5	.	17144	18498.3	3468	21448	22800.3
114	84	3	4108	0	0	11	0	18997	1134	1039	0	114	270	.	4	.	19008	20607.0	4108	24248	25847.0
115	84	4	3109	0	0	0	0	7212	928	482	9	115	293	.	8	.	7212	7953.8	3109	11249	11990.8
116	84	5	2830	0	0	0	0	2520	980	225	21	116	289	.	7	.	2520	2886.3	2830	6330	6876.3
117	84	6	2842	0	0	0	0	192	911	2	268	117	288	.	8	.	192	195.1	2842	3945	3948.1

O B S	Y O N	M	E L C	N A T G O A S L	P P G	H W	F S X	M O G A S	H D D	C D D	T I M E	L B R T O F R C	M A S U P P H R	H T G M B T U	H T G M B T U	E L E C A A D J	M O G A S A A D J	M B T U A D J
50	78	11						15392	735	0	50		11				14893.7	
51	78	12						32111	1082	0	51		8				31812.7	
52	79	1						33150	1315	0	52		14				32851.7	
53	79	2						40242	1457	0	53		11				39743.7	
54	79	3						24108	798	0	54		13				23609.7	
55	79	4						30241	591	2	55		12				29742.7	
56	79	5						12458	242	50	56		11				11957.7	
57	79	6						7041	74	109	57		11				8542.7	
58	79	7						8085	19	232	58		10				7588.7	
59	79	8						8457	39	134	59		10				5958.7	
60	79	9						8788	148	48	60		9				8267.7	
61	79	10						4072	454	22	61		9				3573.7	
62	79	11						4047	607	0	62		10				3548.7	
63	79	12						3145	971	0	63		12				2846.7	
64	80	1						3338	1215	0	64		10				2837.7	
65	80	2						25134	338	0	65		12				4556.7	
66	80	3						38811	1302	0	66		12				2988.7	
67	80	4						23310	3487	0	67		12				2582.7	
68	80	5						11067	3081	511	68		11				3386.7	
69	80	6						8887	3885	194	69		11				2878.7	
70	80	7						3755	115	82	70		10				2582.7	
71	80	8						3148	3081	3	71		9				3327.7	
72	80	9						2845	3828	0	72		9				2526.7	
73	80	10						3481	3025	120	73		12				3657.7	27341
74	80	11						12185	4156	498	1		11				2685.7	33828
75	80	12						17738	3184	814	0		11				3420.7	41883
76	81	1						25988	3919	1307	0		11				3372.7	45451
77	81	2						28250	3871	1544	0		13				3038.7	43098
78	81	3						25435	3535	869	0		9				3389.7	35114
79	81	4						18841	3888	882	3		15				2805.7	28187.7
80	81	5						12168	3304	448	4		18				3538.7	22617
81	81	6						7574	4035	221	47		10				3318.7	19101
82	81	7						4247	3815	27	125		18				3782.7	18124.4
83	81	8						2741	3871	2	84		17				3480.7	17179.0
84	81	9						2831	3589	4	85		14				3384.7	19158.8
85	81	10						2848	3473	145	49		13				2896.7	25432
86	81	11						10248	2985	523	0		13				3899.7	33968.7
87	81	12						16682	3988	775	0		11				3278.7	38794
88	82	1						22637	3387	1110	0		11				3710.7	44720
89	82	2						26757	3799	1552	0		12				3225.7	39811
90	82	3						21783	3314	1114	0		9				3850.7	39775
91	82	4						23010	3939	978	0		13				4014.7	29425
92	82	5						4103	4908	628	0		13				3819.7	19488
93	82	6						3721	3908	183	18		12				4283.7	17911
94	82	7						4352	4352	79	25		12				3884.7	18557
95	82	8						1693	3953	13	94		13				3372.7	18049
96	82	9						1420	3481	57	72		13				3492.7	17974
97	82	10						2853	3581	152	68		14				3368.7	21238
98	82	11						5982	3455	449	0		12				3178.7	31235
								13774	3287	828	3		11				14001	26791.5
																	28187.7	33045.7
																	3420.7	41883
																	3372.7	45451
																	3038.7	43098
																	3389.7	35114
																	2805.7	28187.7
																	3538.7	22617
																	3318.7	19101
																	3782.7	18124.4
																	3480.7	17179.0
																	3384.7	19158.8
																	2896.7	25432
																	3899.7	33968.7
																	3278.7	38794
																	3710.7	44720
																	3225.7	39811
																	3850.7	39775
																	4014.7	29425
																	3819.7	19488
																	4283.7	17911
																	3884.7	18557
																	3372.7	18049
																	3492.7	17974
																	3368.7	21238
																	3178.7	31235

11:18 TUESDAY, NOVEMBER 13, 15

- SENECA AD

PROCESS ENERGY ANAL

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

08S V- W0N ELEC NATGAS COAL PPG MW FSX NOGAS HDD CDD TIME LBRFRG TOTHR MAINTHR SUPPHR HTGM8TU HTGADJ ELECADJ MBTU MBTUADJ

1	.	0	7088	314	0	533	0	0	4745	80	98	1	.	.	.	847	847	7088	12880	12
2	74	11	7833	1284	0	1449	0	0	5533	400	0	2	.	.	.	2713	2713	7833	15878	15879
3	74	12	8224	1982	0	2449	0	0	4945	839	0	3	.	.	.	4431	4431	8224	17800	17800
4	75	1	8888	2897	0	2779	0	1049	6904	716	0	4	.	.	.	6725	6725	8888	22317	22317
5	75	2	7888	3046	0	2129	0	1049	8088	434	0	5	.	.	.	6224	6224	7888	19980	19980
6	75	3	8538	2384	0	1989	0	1049	8159	418	0	6	.	.	.	5382	5382	8538	20079	20079
7	75	4	8340	2370	0	1938	0	1943	4818	335	0	7	.	.	.	6249	6249	8340	19207	19207
8	75	5	7953	1260	0	585	0	1943	5238	58	157	8	.	.	.	3788	3788	7853	18877	18877
9	75	6	7784	482	0	333	0	1943	4413	8	238	9	.	.	.	2758	2758	7784	14955	14955
10	75	7	8398	456	0	242	0	359	4111	0	341	10	.	.	.	1057	1057	8398	13586	13586
11	75	8	8503	333	0	197	0	359	5492	1	318	11	.	.	.	879	879	8503	14874	14874
12	75	9	8445	373	0	57	0	360	1447	0	288	12	.	.	.	790	790	8445	10882	10882
13	75	10	8842	507	0	1160	0	2121	4251	140	38	13	.	.	.	3788	3788	8842	16881	16881
14	75	11	8352	1592	0	2044	0	2022	3414	420	0	14	.	.	.	5828	5828	8352	17394	17394
15	75	12	9025	2333	0	4688	0	1747	2888	822	0	15	.	.	.	8768	8768	9025	20878	20878
16	76	1	8967	2602	0	3484	0	3070	3875	613	0	16	.	.	.	8138	8138	8967	21978	21978
17	76	2	7891	2202	0	2420	0	2330	3187	408	0	17	.	.	.	6952	6952	7891	17830	17830
18	76	3	7865	1905	0	1155	0	1404	3605	412	0	18	.	.	.	4484	4484	7865	15934	15934
19	76	4	8783	1233	0	2135	0	1837	4751	339	0	19	.	.	.	5005	5005	8783	18519	18519
20	76	5	8392	852	0	290	0	884	1979	42	81	20	.	.	.	1808	1808	8392	9977	9977
21	76	6	8821	182	0	221	0	151	2918	7	248	21	.	.	.	554	554	8821	10291	10291
22	76	7	.	.	0	.	0	111	2825	0	392	22	.	.	.	.	.	.	.	.
23	76	8	.	.	0	.	0	111	2903	0	288	23	.	.	.	.	.	.	.	.
24	76	9	.	.	0	.	0	117	2854	0	273	24	.	.	.	.	.	.	.	.
25	76	10	.	.	0	.	0	414	3189	29	121	25	.	.	.	.	.	.	.	.
26	76	11	.	.	0	.	0	821	2849	255	0	26	.	.	.	.	.	.	.	.
27	76	12	.	.	0	.	0	1223	2880	581	0	27	.	.	.	.	.	.	.	.
28	77	1	.	.	0	.	0	2155	3118	850	0	28	.	.	.	.	.	.	.	.
29	77	2	.	.	0	.	0	1316	2802	324	0	29	.	.	.	.	.	.	.	.
30	77	3	.	.	0	.	0	1485	2852	348	0	30	.	.	.	.	.	.	.	.
31	77	4	.	.	0	.	0	973	3060	41	55	31	.	.	.	.	.	.	.	.
32	77	5	.	.	0	.	0	431	3207	100	48	32	.	.	.	.	.	.	.	.
33	77	6	.	.	0	.	0	117	2735	0	358	33	.	.	.	.	.	.	.	.
34	77	7	.	.	0	.	0	320	2518	0	448	34	.	.	.	.	.	.	.	.
35	77	8	.	.	0	.	0	274	3798	0	438	35	.	.	.	.	.	.	.	.
36	77	9	.	.	0	.	0	134	3078	2	243	36	.	.	.	.	.	.	.	.
37	77	10	.	.	0	.	0	181	2858	41	95	37	.	.	.	.	.	.	.	.
38	77	11	.	.	0	.	0	693	2253	284	0	38	.	.	.	.	.	.	.	.
39	77	12	.	.	0	.	0	1883	2801	451	0	39	.	.	.	.	.	.	.	.
40	78	1	.	.	0	.	0	1555	2718	449	0	40	.	.	.	.	.	.	.	.
41	78	2	.	.	0	.	0	1025	2753	358	0	41	.	.	.	.	.	.	.	.
42	78	3	.	.	0	.	0	2103	4159	191	0	42	.	.	.	.	.	.	.	.
43	78	4	.	.	0	.	0	938	3073	212	1	43	.	.	.	.	.	.	.	.
44	78	5	.	.	0	.	0	577	3144	18	142	44	.	.	.	.	.	.	.	.
45	78	6	.	.	0	.	0	105	4371	0	250	45	.	.	.	.	.	.	.	.
46	78	7	.	.	0	.	0	58	3354	0	425	46	.	.	.	.	.	.	.	.
47	78	8	.	.	0	.	0	812	3350	0	428	47	.	.	.	.	.	.	.	.
48	78	9	.	.	0	.	0	204	3881	3	218	48	.	.	.	.	.	.	.	.
49	78	10	.	.	0	.	0	221	2838	33	142	49	.	.	.	.	.	.	.	.
50	78	11	.	.	0	.	0	480	2482	398	0	50	.	.	.	.	.	.	.	.
51	78	12	.	.	0	.	0	2039	4148	713	0	51	.	.	.	.	.	.	.	.
52	79	1	.	.	0	.	0	1777	3391	605	0	52	.	.	.	.	.	.	.	.
53	79	2	.	.	0	.	0	1718	2939	384	0	53	.	.	.	.	.	.	.	.
54	79	3	.	.	0	.	0	1905	4588	282	0	54	.	.	.	.	.	.	.	.
55	79	4	.	.	0	.	0	524	2899	126	0	55	.	.	.	.	.	.	.	.
56	79	5	.	.	0	.	0	303	2484	27	192	56	.	.	.	.	.	.	.	.

OBS	VI	J	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBP	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
57	79	6	.	.	0	.	0	0	41	4483	0	309	57	14	.	.	.	.	.	.	.
58	79	7	.	.	0	.	0	41	1968	0	412	58	1481	.	.	.	.	.	.	.	.
59	79	8	.	.	0	.	0	17	1072	0	386	59	1471	.	.	.	.	.	.	.	.
60	79	9	.	.	0	.	0	6	1857	0	390	60	1451	.	.	.	.	.	.	.	.
61	79	10	.	.	0	.	0	716	1951	60	104	61	1428	.	.	.	.	.	.	.	.
62	79	11	.	.	0	.	0	1078	2249	338	0	62	1424	.	.	.	.	.	.	.	.
63	79	12	.	.	0	.	0	775	1744	518	0	83	1414	.	.	.	.	.	.	.	.
64	80	1	.	.	0	.	0	748	1784	473	0	84	1394	.	.	.	.	.	.	.	.
65	80	2	.	.	0	.	0	1381	2183	300	0	85	1381	.	.	.	.	.	.	.	.
66	80	3	.	.	0	.	0	1054	1839	345	0	86	1368	.	.	.	.	.	.	.	.
67	80	4	.	.	0	.	0	938	1857	140	18	87	1381	.	.	.	.	.	.	.	.
68	80	5	.	.	0	.	0	608	2029	54	81	88	1389	.	.	.	.	.	.	.	.
69	80	6	.	.	0	.	0	41	1873	3	184	89	1377	.	.	.	.	.	.	.	.
70	80	7	.	.	0	.	0	29	1454	0	456	70	1372	.	.	.	.	.	.	.	.
71	80	8	.	.	0	.	0	23	1987	0	370	71	1342	.	.	.	.	.	.	.	.
72	80	9	.	.	0	.	0	23	1739	5	199	72	1278	.	.	.	.	.	.	.	.
73	80	10	.	178	0	229	0	186	2112	107	126	73	1289	.	.	.	.	.	.	.	.
74	80	11	8514	591	0	1373	0	553	1853	309	0	74	1258	.	.	.	.	.	8514	11217	11765.6
75	80	12	8186	1332	0	2325	0	2371	1819	813	0	75	1285	.	.	.	.	.	8213	12383	13987.4
76	81	1	7879	1878	0	2273	0	909	1948	512	0	76	1310	.	.	.	.	.	8186	16013	19156.2
77	81	2	8074	1554	0	2283	0	1508	1752	341	0	77	1301	.	.	.	.	.	7879	14485	17110.3
78	81	3	8018	1528	0	1584	0	1107	2098	330	0	78	1318	.	.	.	.	.	8074	14172	15920.5
79	81	4	7934	1357	0	1582	0	1037	2100	137	48	79	1308	.	.	.	.	.	8018	14313	16005.1
80	81	5	7157	851	0	802	0	384	2109	23	159	80	1348	.	.	.	.	.	7157	11103	11220.9
81	81	6	7818	399	0	192	0	47	2238	0	474	81	1389	.	.	.	.	.	7818	10692	10692.0
82	81	7	8712	142	0	0	0	23	1955	0	411	82	1397	.	.	.	.	.	8712	10632	10632.0
83	81	8	7540	110	0	202	0	47	1819	0	371	83	1382	.	.	.	.	.	7540	9718	9718.0
84	81	9	7368	112	0	290	0	41	1785	0	270	84	1384	.	.	.	.	.	7368	9574	9574.0
85	81	10	8607	142	0	183	0	78	2170	118	9	85	1388	.	.	.	.	.	8607	11178	11172.8
86	81	11	7911	475	0	1355	0	652	1979	263	0	86	1421	.	.	.	.	.	7911	12372	13720.5
87	81	12	9384	1281	0	2318	0	1480	2200	477	0	87	1430	.	.	.	.	.	9384	18861	19106.8
88	82	1	10138	2128	0	2783	0	1503	2228	708	0	88	1437	.	.	.	.	.	10138	18780	22410.3
89	82	2	8514	2548	0	1598	0	1701	2064	398	0	89	1447	.	.	.	.	.	8514	18425	18455.5
90	82	3	9245	1891	0	1430	0	1177	2185	405	0	90	1450	.	.	.	.	.	9245	15708	17784.8
91	82	4	9802	1576	0	1892	0	635	2122	228	2	91	1443	.	.	.	.	.	9802	18027	17196.1
92	82	5	8735	1134	0	558	0	728	2720	35	111	92	1435	.	.	.	.	.	8735	13873	14052.5
93	82	6	8932	428	0	174	0	29	2447	13	155	93	1483	.	.	.	.	.	8932	12010	12078.7
94	82	7	9686	257	0	218	0	29	1812	0	348	94	1482	.	.	.	.	.	9686	12002	12002.0
95	82	8	9288	180	0	183	0	23	2013	0	345	95	1438	.	.	.	.	.	9288	11827	11827.0
96	82	9	7818	194	0	184	0	140	2219	9	202	96	1381	.	.	.	.	.	7818	10555	10801.1
97	83	10	9187	210	0	388	0	81	1477	12	79	109	1471	.	.	.	.	.	9187	11343	11404.5
98	83	11	8854	1357	0	798	0	428	1550	385	1	110	1454	.	.	.	.	.	8854	12785	14858.5
99	83	12	9547	1734	0	2504	0	558	1847	451	0	111	1453	.	.	.	.	.	9547	15988	18300.5
100	84	1	9558	2159	0	2207	0	1108	1494	595	0	112	1448	.	.	.	.	.	9558	16524	19574.9
101	84	2	9547	1772	0	2282	0	908	1547	458	0	113	1441	.	.	.	.	.	9547	16058	18394.2
102	84	3	8685	958	0	1778	0	815	1490	234	0	114	1444	.	.	.	.	.	8685	13704	14903.8
103	84	4	7989	912	0	817	0	414	1339	203	8	115	1437	.	.	.	.	.	7989	11451	12491.9
104	84	5	8271	403	0	802	0	58	1480	20	214	116	1433	.	.	.	.	.	8271	10794	10898.6
105	84	6	7830	190	0	195	0	144	1199	4	288	117	1484	.	.	.	.	.	7830	9558	9578.5

11:28 TUESDAY, NOVEMBER 13, 19

PROCESS ENERGY ANAL - SIERRA AD

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HOD CDD TIME LBRFC TOTHR MAINTHR SUPPHR HTGMSTU HTGADJ ELECADJ MBTU MBTUADJ

1	74	10	8329	0	2006	449	0	11000	11103	478	0	1	13455	13455	8329	32887	32887
2	74	11	8329	0	3476	546	0	12000	14008	733	0	2	16022	16022	8329	38359	38359
3	74	12	8329	0	4584	904	0	13550	15327	1046	0	3	19038	19038	8329	42894	42894
4	75	1	9802	0	5210	0	0	15775	22369	1006	0	4	20985	20985	9802	53158	53158
5	75	2	9802	0	5055	790	0	13000	17478	858	0	5	18845	18845	9802	48125	48125
6	75	3	9825	0	4678	613	0	12000	16950	818	0	6	17289	17289	9825	44064	44064
7	75	4	8967	0	2818	525	0	6000	14527	746	0	7	9343	9343	8967	32837	32837
8	75	5	8967	0	845	356	0	5000	14205	332	4	8	8201	8201	8967	29373	29373
9	75	6	8990	0	0	0	0	3250	4553	113	43	9	3250	3250	8990	18793	18793
10	75	7	9419	0	738	0	0	3841	5052	26	199	10	4579	4579	9419	19050	19050
11	75	8	9419	0	1327	0	0	3842	5171	65	68	11	5169	5169	9419	19759	19759
12	75	9	9431	0	957	980	0	3842	5957	51	33	12	5759	5759	9431	21147	21147
13	75	10	8751	0	2305	98	0	810	4918	477	3	13	3211	3211	8751	14880	14880
14	75	11	8879	0	1572	2983	0	11970	3165	868	0	14	16525	16525	8879	26569	26569
15	75	12	7424	0	1934	8535	0	11720	2790	961	0	15	20189	20189	7424	30403	30403
16	76	1	10475	0	2992	0	0	14184	3433	1012	0	16	17176	17176	10475	31084	31084
17	76	2	9872	0	1584	3252	0	8889	3227	863	0	17	13705	13705	9872	26804	26804
18	76	3	8839	0	2393	1372	0	10054	3103	821	0	18	13819	13819	8839	25781	25781
19	76	4	8967	0	2594	1748	0	7963	3898	610	0	19	12305	12305	8967	25170	25170
20	76	5	9013	0	1019	0	0	2149	2816	224	0	20	3168	3168	9013	14997	14997
21	76	6	8097	0	1983	1950	0	1800	2641	138	25	21	5733	5733	8097	18471	18471
22	76	7		0			0	891	3455	15	144	22					
23	76	8		0			0	460	3587	116	34	23					
24	76	9		0			0	874	2449	116	33	24					
25	76	10		0			0	9684	3394	419	0	25					
26	76	11		0			0	9605	2300	670	0	26					
27	76	12		0			0	11155	3558	1062	0	27					
28	77	1		0			0	12081	2409	1002	0	28					
29	77	2		0			0	10258	2669	895	0	29					
30	77	3		0			0	9805	2855	828	0	30					
31	77	4		0			0	4485	4700	405	0	31					
32	77	5		0			0	5499	3470	509	6	32					
33	77	6		0			0	2668	2818	30	141	33					
34	77	7		0			0	1113	4315	10	154	34					
35	77	8		0			0	117	2851	12	187	35					
36	77	9		0			0	291	3735	154	32	36					
37	77	10		0			0	1287	2895	392	0	37					
38	77	11		0			0	6075	3094	887	0	38					
39	77	12		0			0	9192	2980	821	0	39					
40	78	1		0			0	8510	2643	858	0	40					
41	78	2		0			0	10852	2777	739	0	41					
42	78	3		0			0	8571	3928	544	0	42					
43	78	4		0			0	5784	3174	582	0	43					
44	78	5		0			0	3788	3598	387	0	44					
45	78	6		0			0	1468	3369	113	16	45					
46	78	7		0			0	218	3950	21	188	46					
47	78	8		0			0	641	2625	62	139	47					
48	78	9		0			0	899	3959	234	19	48					
49	78	10		0			0	9204	3229	347	0	49					
50	78	11		0			0	10304	4031	826	0	50					
51	78	12		0			0	10491	2658	1236	0	51					
52	79	1		0			0	16828	3060	1113	0	52					
53	79	2		0			0	5015	3122	781	0	53					
54	79	3		0			0	6308	4185	709	0	54					
55	79	4		0			0	5074	3010	538	0	55					
56	79	5		0			0	1602	2953	247	9	56					

11:26 TUESDAY, NOVEMBER 13, 1

; - SIERRA AD

PROCESS ENERGY ANAI

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HDD CDD TIME LBRFRC TOTHR MAINTHR SUPPHR HTGMBTU HTGADJ ELECAOJ MBTU MBTUADJ

113	84	2	11751	0	246	2375	0	11330	3087	801	0	113	.	.	7	13951	13552.5	11687.7	28769	28287.2
114	84	3	10254	0	320	1815	0	8644	3492	837	0	114	.	.	8	10779	10482.1	10170.7	24525	24124.8
115	84	4	9489	0	270	1398	0	3571	3041	570	0	115	.	.	5	5237	4953.4	9409.7	17787	17400.1
116	84	5	10289	0	74	528	0	8870	3568	183	18	116	.	.	7	7270	7179.0	10205.7	21127	20952.8
117	84	8	9814	0	0	929	0	1988	5915	133	42	117	.	.	5	2915	2848.8	9730.7	18844	18494.5

14:24 FRIDAY, NOVEMBER 18, 1966

PROCESS ENERGY ANALY - TOSYHANA AD

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HOD CDD TIME LBRENC TOTHR MAINTHR SUPPHR HTGMBTU HTGADJ ELECMBTU MBTU MB. JU

1	74	10	15869	0	87818	21	0	1648	1906	503	0	1	3115	69487	89487	15869	87262	87262
2	74	11	17145	0	75540	31	0	1903	2342	855	0	2	3117	77534	77534	17145	97021	97021
3	74	12	18386	0	95529	12	0	2330	1873	941	0	3	3128	97871	97871	18386	117930	117930
4	75	1	16843	0	97383	23	0	5173	2288	1024	0	4	3127	102579	102579	16843	121710	121710
5	75	2	17910	0	89459	22	0	2907	1931	913	0	5	3111	92388	92388	17910	112229	112229
6	75	3	18525	0	89154	25	0	2598	1813	902	0	6	3156	91777	91777	18525	112115	112115
7	75	4	17887	0	68953	42	0	3196	1657	827	0	7	3145	70081	70081	17887	89625	89625
8	75	5	16785	0	31090	22	0	1458	2195	88	91	8	3085	32568	32568	16785	51548	51548
9	75	6	17829	0	19380	35	0	338	1911	25	148	9	3107	19753	19753	17829	39493	39493
10	75	7	16820	0	21841	35	0	0	2148	0	278	10	3185	21876	21876	16820	40844	40844
11	75	8	16112	0	18212	29	0	414	2101	8	207	11	3181	18855	18855	16112	38868	38868
12	75	9	17226	0	23190	45	0	336	1564	158	13	12	3159	23573	23573	17226	42363	42363
13	75	10	16031	0	27153	37	0	1258	1773	291	14	13	3111	28448	28448	16031	46252	46252
14	75	11	17307	0	55016	25	0	1817	1583	509	0	14	3122	58858	58858	17307	75728	75728
15	75	12	18873	0	88986	34	0	2517	1508	1043	0	15	3113	71537	71537	18873	91916	91916
16	76	1	16971	0	82093	40	0	5080	2070	1322	0	16	3107	87213	87213	16971	106254	106254
17	76	2	17794	0	72288	43	0	3052	1784	884	0	17	3142	75383	75383	17794	94961	94961
18	76	3	16681	0	85278	42	0	2330	1582	737	0	18	3170	67650	67650	16681	85913	85913
19	76	4	17272	0	41351	25	0	2225	2040	451	46	19	3110	43801	43801	17272	82913	82913
20	76	5	16472	0	27127	55	0	728	1823	285	18	20	3110	27911	27911	16472	46006	46006
21	76	6	16449	0	9271	83	0	64	1824	31	198	21	3110	9398	9398	16449	27471	27471
22	76	7		0			0	350	1977	8	145	22						
23	76	8		0			0	798	1434	25	159	23						
24	76	9		0			0	1433	1480	155	37	24						
25	76	10		0			0	1404	1846	519	0	25	3077					
26	76	11		0			0	2907	1850	834	0	26	3081					
27	76	12		0			0	3471	1988	1297	0	27	3088					
28	77	1		0			0	4252	1768	1546	0	28	3084					
29	77	2		0			0	3303	1797	1058	0	29	3110					
30	77	3		0			0	1986	1585	758	2	30	3139					
31	77	4		0			0	2901	2020	487	13	31	3116					
32	77	5		0			0	1817	1844	208	57	32	3236					
33	77	6		0			0	915	1824	90	62	33	3281					
34	77	7		0			0	454	1811	14	208	34	3298					
35	77	8		0			0	70	1871	37	182	35	3248					
36	77	9		0			0	332	2219	119	59	36	3226					
37	77	10		0			0	507	1508	505	0	37	3180					
38	77	11		0			0	2985	1508	853	2	38	3227					
39	77	12		0			0	2919	1855	1080	0	39	3236					
40	78	1		0			0	4608	2914	1252	0	40	3273					
41	78	2		0			0	4194	2877	1279	0	41	3312					
42	78	3		0			0	3780	2110	984	0	42	3416					
43	78	4		0			0	2091	1354	562	0	43	3450					
44	78	5		0			0	2907	1472	240	52	44	3510					
45	78	6		0			0	1259	1883	73	84	45	3582					
46	78	7		0			0	443	1154	38	181	46	3594					
47	78	8		0			0	833	1522	2	194	47	3574					
48	78	9		0			0	256	1898	153	28	48	3561					
49	78	10		0			0	436	1415	438	0	49	3571					
50	78	11		0			0	1829	1524	728	0	50	3586					
51	78	12		0			0	4904	2158	1103	0	51	3571					
52	79	1		0			0	4235	1850	1257	0	52	3565					
53	79	2		0			0	5277	1997	1370	0	53	3554					
54	79	3		0			0	5709	1973	747	0	54	3513					
55	79	4		0			0	2781	1680	552	2	55	3490					
56	79	5		0			0	751	1414	221	32	56	3495					

OBS YR MON ELEC NATGAS COAL PPG HW FSX MOGAS HDD CDD TIME LBRFC TOTHR MAINTHR SUPPHR HTGMSTU HTGADJ ELECADJ MBTU MBTUADJ

57	79	6	0	0	0	1270	1741	86	78	57	3471	183	42805	44005	0	20421	0	83769	66189
58	79	7	0	0	0	282	1098	34	218	58	3480	131	85085	68265	0	21454	0	88641	89041
59	79	8	0	0	0	175	1584	31	214	59	3458	169	84033	85233	0	21129	0	105392	107792
60	79	9	0	0	0	1025	1173	120	75	60	3383	139	88842	88842	0	22173	0	111121	113521
61	79	10	0	0	0	431	1241	420	15	81	3380	180	70548	71748	0	21941	0	92892	95092
62	79	11	0	0	0	2883	1855	588	0	82	3381	153	71818	73018	0	23808	0	95331	98331
63	79	12	0	0	0	3349	1484	900	0	83	3358	158	44820	46020	0	22150	0	87398	89798
64	80	1	0	0	0	4299	1090	1144	0	84	3337	187	17489	18689	0	22834	0	40468	42868
65	80	2	0	0	0	4381	1780	1175	0	85	3375	187	7833	8365	9	21140	0	29021	30954
66	80	3	0	0	0	3251	1440	895	0	86	3390	189	7428	7428	8	22483	0	30141	31340
67	80	4	0	0	0	4828	1473	414	0	87	3388	194	7628	7627	9	22115	0	29862	31182
68	80	5	0	0	0	3303	1815	137	42	88	3395	171	10109	10108	4	21222	0	31533	32730
69	80	6	0	0	0	315	1262	94	107	89	3428	181	42329	42319	4	21546	0	83918	85108
70	80	7	0	0	0	350	1158	1	283	70	3410	181	8431	8409	2	23634	0	102318	103497
71	80	8	0	0	0	2885	1758	0	322	71	3335	158	91817	91588	8	24400	0	116338	117808
72	80	9	0	0	0	1148	1285	82	122	72	3253	168	61775	61761	1	21871	0	83738	84924
73	80	10	0	0	0	2109	1743	488	3	73	3258	163	78431	78409	2	23634	0	102318	103497
74	80	11	0	0	0	2128	1322	813	0	74	3230	128	91817	91588	8	24400	0	116338	117808
75	80	12	0	0	0	5985	1430	1211	0	75	3284	168	10109	10108	4	21222	0	31533	32730
76	81	1	0	0	0	5842	1508	1407	0	76	3280	155	42329	42319	4	21546	0	83918	85108
77	81	2	0	0	0	4528	1405	835	0	77	3285	155	78431	78409	2	23634	0	102318	103497
78	81	3	0	0	0	3443	1505	886	0	78	3342	198	91817	91588	8	24400	0	116338	117808
79	81	4	0	0	0	3320	1828	418	4	79	3465	178	61775	61761	1	21871	0	83738	84924
80	81	5	0	0	0	751	1345	195	42	80	3586	160	78431	78409	2	23634	0	102318	103497
81	81	6	0	0	0	792	1448	195	131	81	3929	228	91817	91588	8	24400	0	116338	117808
82	81	7	0	0	0	0	1450	2	231	82	4084	230	10109	10108	4	21222	0	31533	32730
83	81	8	0	0	0	390	1419	5	172	83	4049	224	42329	42319	4	21546	0	83918	85108
84	81	9	0	0	0	740	1402	132	55	84	4008	204	78431	78409	2	23634	0	102318	103497
85	81	10	0	0	0	1388	1241	485	0	85	3989	179	91817	91588	8	24400	0	116338	117808
86	81	11	0	0	0	3328	1292	708	0	86	3972	171	61775	61761	1	21871	0	83738	84924
87	81	12	0	0	0	4718	1454	1105	0	87	3864	201	78431	78409	2	23634	0	102318	103497
88	82	1	0	0	0	4573	1819	1428	0	88	3917	194	91817	91588	8	24400	0	116338	117808
89	82	2	0	0	0	5412	1537	1034	0	89	3937	187	61775	61761	1	21871	0	83738	84924
90	82	3	0	0	0	3908	1813	898	0	90	3948	222	78431	78409	2	23634	0	102318	103497
91	82	4	0	0	0	3145	1444	554	1	91	3930	185	91817	91588	8	24400	0	116338	117808
92	82	5	0	0	0	862	1141	147	34	92	3945	173	61775	61761	1	21871	0	83738	84924
93	82	6	0	0	0	192	1349	88	55	93	3927	197	78431	78409	2	23634	0	102318	103497
94	82	7	0	0	0	0	1248	17	208	94	3899	171	91817	91588	8	24400	0	116338	117808
95	82	8	0	0	0	338	1343	55	98	95	3854	197	61775	61761	1	21871	0	83738	84924
96	82	9	0	0	0	2528	1274	112	41	96	3850	184	78431	78409	2	23634	0	102318	103497
97	82	10	0	0	0	1899	1318	390	3	97	3861	183	91817	91588	8	24400	0	116338	117808
98	82	11	0	0	0	1983	1273	819	5	98	3978	184	61775	61761	1	21871	0	83738	84924
99	82	12	0	0	0	3757	1413	870	0	99	4078	170	78431	78409	2	23634	0	102318	103497
100	83	1	0	0	0	4829	1883	1158	0	100	4043	181	91817	91588	8	24400	0	116338	117808
101	83	2	0	0	0	3478	1878	992	0	101	4031	186	61775	61761	1	21871	0	83738	84924
102	83	3	0	0	0	3402	1758	805	4	102	4018	211	78431	78409	2	23634	0	102318	103497
103	83	4	0	0	0	2942	1875	589	4	103	4054	148	91817	91588	8	24400	0	116338	117808
104	83	5	0	0	0	2953	1387	292	12	104	4054	194	61775	61761	1	21871	0	83738	84924
105	83	6	0	0	0	833	1408	41	125	105	4070	198	78431	78409	2	23634	0	102318	103497
106	83	7	0	0	0	244	1297	7	243	106	4076	189	91817	91588	8	24400	0	116338	117808
107	83	8	0	0	0	0	1427	11	224	107	4040	217	61775	61761	1	21871	0	83738	84924
108	83	9	0	0	0	309	1495	119	118	108	4123	205	78431	78409	2	23634	0	102318	103497
109	83	10	0	0	0	1684	899	392	9	109	4114	159	91817	91588	8	24400	0	116338	117808
110	83	11	0	0	0	3122	907	859	0	110	4227	187	61775	61761	1	21871	0	83738	84924
111	83	12	0	0	0	4893	1080	1189	0	111	4284	230	78431	78409	2	23634	0	102318	103497
112	84	1	0	0	0	8184	1188	1297	0	112	4274	202	91817	91588	8	24400	0	116338	117808

14:24 FRIDAY, NOVEMBER 16.

PROCESS ENERGY ANAL - TOBYHANNA AD

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPIR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
113	84	2	25894	0	58238	0	0	4251	1078	837	0	113	4294	.	210	.	60487	70854.7	25872.8	87259	97606
114	84	3	26982	0	61824	48	0	4483	1488	1052	0	114	4315	.	247	.	68355	77987.5	26960.8	94805	108416
115	84	4	23954	0	42875	0	0	4380	1016	493	0	115	4304	.	218	.	47255	50519.5	24288.5	72225	75822
116	84	5	25497	0	31420	95	0	2192	1229	247	20	116	4316	.	200	.	33707	38997.5	25829.5	60433	64056
117	84	6	24047	0	8001	48	0	911	1185	34	185	117	4378	.	233	.	8980	12273.1	24379.5	34192	37838

18:13 THURSDAY, SEPTEMBER 27, 1

- TOOLE AD

PROCESS ENERGY ANAL

OBS	VR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGMGTU	MBTU
1	74	10					0	28486	9953	318	3	1						
2	74	11					0			638	0	2						
3	74	12					0			1025	0	3						
4	75	1					0	11837	8326	1157	0	4						
5	75	2					0			819	0	5						
6	75	3					0			734	0	6						
7	75	4					0			613	0	7						
8	75	5					0			334	9	8						
9	75	6					0	8434	28450	92	89	9						
10	75	7	19984			184	0	1747	6430	0	439	10					226	
11	75	8	19291			288	0	14487	12171	1	289	11					226	
12	75	9	18850			249	0	9471	6301	82	80	12					228	
13	75	10	18948			695	0	14982	7692	385	14	13					147	
14	75	11					0	37308	6958	825	0	14					147	
15	75	12					0	40810	7004	989	0	15					147	
16	76	1					0	73587	8550	1144	0	16					180	
17	76	2					0	52489	7954	890	0	17					180	
18	76	3					0	48882	8097	828	0	18					177	
19	76	4					0	98829	9600	484	0	19					177	
20	76	5	19975			387	0	71834	7289	112	34	20					177	
21	76	6	20838			279	0	0	9046	87	151	21						
22	76	7					0	3926	8882	0	431	22						
23	76	8					0	4905	6571	7	237	23						
24	76	9					0	10392	6915	37	87	24						
25	76	10					0	18401	13608	432	3	25					186	
26	76	11					0	29498	8497	689	0	26					256	
27	76	12					0	87477	7823	1098	0	27					181	
28	77	1					0	80737	7976	1175	0	28					179	
29	77	2					0	54181	7413	813	0	29					178	
30	77	3					0	42383	8024	838	0	30					213	
31	77	4					0	55471	11492	333	12	31					228	
32	77	5					0	24873	7194	304	2	32					211	
33	77	6					0	12117	7982	0	254	33					228	
34	77	7					0	7322	9309	0	389	34					204	
35	77	8					0	3858	9423	11	328	35					254	
36	77	9					0	8534	13152	73	123	36					220	
37	77	10					0	13159	7331	282	0	37					190	
38	77	11					0	52881	7299	670	0	38					323	
39	77	12					0	70488	9228	835	0	39					216	
40	78	1					0	45045	8530	880	0	40					212	
41	78	2					0	49425	8829	697	0	41					221	
42	78	3					0	55751	11685	522	0	42					277	
43	78	4					0	40065	13072	433	0	43					262	
44	78	5					0	28670	8592	293	21	44					285	
45	78	6					0	14993	9588	36	167	45					281	
46	78	7					0	11307	7605	0	411	46					233	
47	78	8					0	9582	8528	12	299	47					283	
48	78	9					0	10048	10832	144	120	48					284	
49	78	10					0	19473	8088	284	0	49					284	
50	78	11					0	47451	12238	714	0	50					248	
51	78	12					0	87773	10512	1178	0	51					240	
52	79	1					0	59922	7882	1327	0	52					276	
53	79	2					0	85775	9774	902	0	53					236	
54	79	3					0	58244	10868	686	0	54					268	
55	79	4					0	37140	8279	414	2	55					248	
56	79	5					0	22205	8091	198	54	56					252	

OBS	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	H	DOO	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGM8TU
57	79	6				0	9402	9180	57	214	57			238		32079
58	79	7				0	3183	8880	0	439	58			224		39854
59	79	8				0	9285	9118	0	336	59			239		56241
60	79	9				0	17440	8797	7	208	80			208		73628
61	79	10				0	13619	7070	270	21	81			243		54531
62	79	11				0	57439	9203	848	0	82			203		53683
63	79	12				0	53110	7123	987	0	83			200		37539
64	80	1	0			0	59948	7524	984	0	84			250		72092
65	80	2	0			0	84138	9800	835	0	85			221		58983
66	80	3	0			0	50029	7938	723	0	86			238		48138
67	80	4	0			0	30582	8707	371	9	87			222		8288
68	80	5	0			0	28089	8880	250	10	88			223		12175
69	80	6	0			0	14285	7644	77	159	89			222		18478
70	80	7	0			0	12131	8451	0	399	70			219		22462
71	80	8	0			0	13379	8895	10	301	71			228		29052
72	80	9	0			0	10709	7386	57	99	72			240		95425
73	80	10	22875	533	477	0	31089	8286	378	1	73			237		79103
74	80	11	24244	2286	1039	0	36529	8879	704	0	74			209		67860
75	80	12	26320	1598	1344	0	53299	7743	985	0	75			189		108288
76	81	1	25358	2138	913	0	70577	8440	1013	0	76			254		84494
77	81	2	28872	2281	1037	0	51233	7154	742	0	77			225		39583
78	81	3	24258	1450	1013	0	51200	8337	841	0	78			281		79103
79	81	4	28703	1745	402	0	35392	7850	348	3	79			257		84843
80	81	5	25323	880	348	0	22937	7495	233	12	80			257		79599
81	81	6	26262	123	83	0	13147	8524	48	180	81			281		29001
82	81	7	24322	123	161	0	7982	8721	0	412	82			350		14551
83	81	8	27991	123	137	0	11915	8742	0	409	83			309		51534
84	81	9	28350	910	133	0	15435	9110	34	145	84			325		12754
85	81	10	26344	615	462	0	21385	8288	444	2	85			288		15936
86	81	11	27921	2581	1019	0	25452	7880	814	0	86			265		13903
87	81	12	27878	2384	1748	0	55295	8508	878	0	87			280		82433
88	82	1	30172	2802	1930	0	74371	8515	1087	0	88			285		55785
89	82	2	31633	2778	1134	0	83948	8795	909	0	89			318		88897
90	82	3	25543	2950	920	0	44824	10378	688	0	90			291		74815
91	82	4	30334	1988	857	0	36980	9682	548	0	91			384		112448
92	82	5	27260	248	568	0	28187	9384	259	11	92			275		88525
93	82	6	27852	123	197	0	14231	9131	82	158	93			305		84544
94	82	7	26564	0	294	0	12480	8132	7	338	94			273		47450
95	82	8	28327	123	43	0	15770	8289	0	423	95			288		52552
96	82	9	26181	123	567	0	13213	8419	134	109	96			323		48503
97	82	10	31158	983	785	0	21200	8307	495	0	97			258		82433
98	82	11	23318	2828	918	0	52041	9418	800	0	98			273		22988
99	82	12	29244	3441	1917	0	81339	8832	1080	0	99			288		55785
100	83	1	27840	2458	947	0	71410	9793	918	0	100			318		104773
101	83	2	30891	2458	948	0	54703	11000	824	0	101			262		74815
102	83	3	27098	2458	1347	0	44849	9488	710	0	102			332		88525
103	83	4	31482	2138	493	0	40840	9488	589	0	103			307		48544
104	83	5	29023	389	624	0	31896	9082	314	37	104			298		88525
105	83	6	26239	123	233	0	13016	9025	38	123	105			258		70974
106	83	7	26587	0	487	0	5930	7792	8	370	106			314		13372
107	83	8	27492	0	653	0	8949	10864	0	405	107			375		6397
108	83	9	28919	737	809	0	21018	8215	49	138	108			409		7602
109	83	10	26065	737	733	0	36877	8643	278	4	109			299		45758
110	83	11	28875	1986	1128	0	33358	9143	850	0	110			248		22584
111	83	12	29255	4547	1288	0	54811	9881	1018	0	111			350		38147
112	84	1	29681	3195	991	0	88298	10008	1289	0	112			340		72855
																38450
																74288
																60424
																92484
																132151

18:13 THURSDAY, SEPTEMBER 27,

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PROCESS ENERGY ANA

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HOD	CDD	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGM8TU	N8TU
113	84	2	28501	0	3490	1583	0	79082	10008	1130	0	113	.	.	334	.	84115	122624
114	84	3	33048	0	3441	1623	0	68808	11441	783	0	114	.	.	354	.	71672	116161
115	84	4	33814	0	2458	942	0	50780	9181	493	3	115	.	.	332	.	54180	97175
116	84	5	30322	0	0	1420	0	33331	9784	157	58	116	.	.	333	.	34751	74857
117	84	6	30264	0	25	447	0	14171	7704	76	153	117	.	.	317	.	14643	52811

PROCESS ENERGY ANALY - UNATILLA DA																	18:15 THURSDAY, SEPTEMBER 27, 1:																
OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFC	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	NBTU	NBTUADJ												
1	74	10	.	0	0	0	0	1258	1246	313	4	1	.	.	.	.	.	1258	1258	.	.							
2	74	11	.	0	0	0	0	.	.	600	0	2												
3	74	12	.	0	0	0	0	.	.	750	0	3												
4	75	1	.	0	0	0	0	.	.	857	0	4												
5	75	2	.	0	0	0	0	.	.	721	0	5												
6	75	3	.	0	0	0	0	.	.	809	0	6												
7	75	4	.	0	0	0	0	.	.	517	0	7												
8	75	5	.	0	0	0	0	.	.	194	27	8												
9	75	6	.	0	0	0	0	824	1174	57	88	9	.	.	.	.	.	924	924	.	.							
10	75	7	.	0	0	0	0	8	1158	0	423	10	.	.	.	.	.	6	6	.	.							
11	75	8	.	0	0	0	0	0	1276	12	179	11	.	.	.	.	.	0	0	.	.							
12	75	9	.	0	0	0	0	786	1097	43	109	12	.	.	.	.	.	786	786	.	.							
13	75	10	.	0	0	0	0	303	1592	332	8	13	.	.	.	.	.	303	303	.	.							
14	75	11	.	0	0	0	0	5113	1193	673	0	14	.	.	.	.	.	5113	5113	.	.							
15	75	12	.	0	0	0	0	2776	1181	751	0	15	.	.	.	.	.	2776	2776	.	.							
16	76	1	.	0	0	0	0	2761	1519	791	0	16	.	.	.	.	.	2761	2761	.	.							
17	76	2	.	0	0	0	0	.	.	782	0	17												
18	76	3	.	0	0	0	0	1602	1225	879	0	18	.	.	.	.	.	1602	1602	.	.							
19	76	4	.	0	0	0	0	1445	1970	436	0	19	.	.	.	.	.	1445	1445	.	.							
20	76	5	.	0	0	0	0	280	1281	208	20	20	.	.	.	.	.	280	280	.	.							
21	76	6	.	0	0	0	0	82	1184	89	53	21	.	.	.	.	.	82	82	.	.							
22	76	7	.	0	0	0	0	58	1459	4	270	22	.	.	.	.	.	58	58	.	.							
23	76	8	.	0	0	0	0	12	1004	42	129	23	.	.	.	.	.	12	12	.	.							
24	76	9	.	0	0	0	0	111	952	31	103	24	.	.	.	.	.	111	111	.	.							
25	76	10	.	0	0	0	0	699	1207	363	3	25	.	.	.	.	.	699	699	.	.							
26	76	11	.	0	0	0	0	1229	973	890	0	26	.	.	.	.	.	1229	1229	.	.							
27	76	12	.	0	0	0	0	7013	1340	896	0	27	.	.	.	.	.	7013	7013	.	.							
28	77	1	.	0	0	0	0	4345	1520	1192	0	28	.	.	.	.	.	4345	4345	.	.							
29	77	2	.	0	0	0	0	7311	1318	653	0	29	.	.	.	.	.	7311	7311	.	.							
30	77	3	.	0	0	0	0	1194	1371	639	0	30	.	.	.	.	.	1194	1194	.	.							
31	77	4	.	0	0	0	0	1421	1761	298	16	31	.	.	.	.	.	1421	1421	.	.							
32	77	5	.	0	0	0	0	0	1578	301	3	32	.	.	.	.	.	0	0	.	.							
33	77	6	.	0	0	0	0	23	1948	26	152	33	.	.	.	.	.	23	23	.	.							
34	77	7	.	0	0	0	0	6	1992	20	190	34	.	.	.	.	.	6	6	.	.							
35	77	8	.	0	0	0	0	2194	1822	35	348	35	.	.	.	.	.	2194	2194	.	.							
36	77	9	.	0	0	0	0	146	2148	200	16	36	.	.	.	.	.	146	146	.	.							
37	77	10	.	0	0	0	0	757	1658	461	0	37	.	.	.	.	.	757	757	.	.							
38	77	11	.	0	0	0	0	2292	1802	792	0	38	.	.	.	.	.	2292	2292	.	.							
39	77	12	.	0	0	0	0	5551	2138	927	0	39	.	.	.	.	.	5551	5551	.	.							
40	78	1	.	0	0	0	0	2668	1814	1011	0	40	.	.	.	.	.	2668	2668	.	.							
41	78	2	.	0	0	0	0	1928	1987	714	0	41	.	.	.	.	.	1928	1928	.	.							
42	78	3	.	0	0	0	0	2149	2308	593	0	42	.	.	.	.	.	2149	2149	.	.							
43	78	4	.	0	0	0	0	6787	1785	504	0	43	.	.	.	.	.	6787	6787	.	.							
44	78	5	.	0	0	0	0	17	2052	322	1	44	.	.	.	.	.	17	17	.	.							
45	78	6	.	0	0	0	0	4022	2052	46	93	45	.	.	.	.	.	4022	4022	.	.							
46	78	7	.	0	0	0	0	1018	1573	7	236	46	.	.	.	.	.	1018	1018	.	.							
47	78	8	.	0	0	0	0	571	1560	41	182	47	.	.	.	.	.	571	571	.	.							
48	78	9	.	0	0	0	0	8	2068	146	16	48	.	.	.	.	.	8	8	.	.							
49	78	10	.	0	0	0	0	218	1544	403	0	49	.	.	.	.	.	218	218	.	.							
50	78	11	.	0	0	0	0	1823	1785	936	0	50	.	.	.	.	.	1823	1823	.	.							
51	78	12	.	0	0	0	0	4975	2120	1094	0	51	.	.	.	.	.	4975	4975	.	.							
52	79	1	.	0	0	0	0	10601	2002	1533	0	52	.	.	.	.	.	10601	10601	.	.							
53	79	2	.	0	0	0	0	3338	1802	757	0	53	.	.	.	.	.	3338	3338	.	.							
54	79	3	.	0	0	0	0	9055	2072	582	0	54	.	.	.	.	.	9055	9055	.	.							
55	79	4	.	0	0	0	0	783	1818	432	0	55	.	.	.	.	.	783	783	.	.							
56	79	5	.	0	0	0	0	134	1234	184	21	56	.	.	.	.	.	134	134	.	.							

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CDD	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGMGTU	HTGADJ	ELECADJ	MBTU	MBTUADJ
57	79	8		0	0	0	0	189	1388	62	114	57					189	189.00			
58	79	7		0	0	0	0	76	1371	12	281	58					76	76.00			
59	79	8		0	0	0	0	99	2100	0	188	59					99	99.00			
60	79	9		0	0	0	0	0	1318	43	85	60					0	0.00			
61	79	10		0	0	0	0	2180	1389	328	3	61					2180	2180.00			
62	79	11		0	0	0	0	4895	1893	902	0	62					4895	4895.00			
63	79	12		0	0	0	0	2155	1461	823	0	63					2155	2155.00			
64	80	1		0	0	0	0	2982	1838	1210	0	64					2982	2982.00			
65	80	2		0	0	0	0	2988	1828	828	0	65					2988	2988.00			
66	80	3		0	0	0	0	1025	1578	728	0	66					1025	1025.00			
67	80	4		0	0	0	0	5157	1485	388	2	67					5157	5157.00			
68	80	5		0	0	0	0	2802	1822	287	5	68					2802	2802.00			
69	80	6		0	0	0	0	2094	1503	141	13	69					2094	2094.00			
70	80	7		0	0	0	0	170	1342	4	232	70					170	170.00			
71	80	8		0	0	0	0	34	1881	33	101	71					34	34.00			
72	80	9		0	0	0	0	17	1392	88	44	72					17	17.00			
73	80	10	1798	0	0	0	0	1345	1797	438	20	73					1345	1345.00	1798	4940	4940.0
74	80	11	2540	0	0	0	0	3731	1490	681	0	74					3731	3731.00	2540	7781	7781.0
75	80	12	2830	0	0	0	0	5030	1884	794	0	75					5030	5030.00	2830	9524	9524.0
76	81	1	2900	0	0	0	0	7883	1888	888	0	76					7883	7883.00	2900	12272	12272.0
77	81	2	2946	0	0	0	0	5031	1548	724	0	77					5031	5031.00	2946	9523	9523.0
78	81	3	2146	0	0	0	0	4358	1668	593	0	78					4358	4358.00	2146	8170	8170.0
79	81	4	2482	0	0	0	0	1819	1843	435	4	79					1819	1819.00	2482	5744	5744.0
80	81	5	2308	0	0	0	0	508	1531	275	2	80					508	508.00	2308	4345	4345.0
81	81	6	1838	0	0	0	0	17	1597	128	28	81					17	17.00	1838	3250	3250.0
82	81	7	1833	0	0	0	0	52	1445	20	155	82					52	52.00	1833	3330	3330.0
83	81	8	1752	0	0	0	0	81	1320	1	297	83					81	81.00	1752	3153	3153.0
84	81	9	2239	0	0	0	0	5	1385	128	101	84					5	5.00	2239	3629	3629.0
85	81	10	2088	0	0	0	0	774	1409	440	0	85					774	774.00	2088	4271	4271.0
86	81	11	1821	0	0	0	0	1247	1585	817	0	86					1247	1247.00	1821	4833	4833.0
87	81	12	2810	0	0	0	0	2423	258	855	0	87					2423	2423.00	2810	5289	5289.0
88	82	1	2552	0	0	0	0	6900	1708	919	0	88					6900	6900.00	2552	11158	11158.0
89	82	2	2900	0	0	0	0	8348	1783	747	0	89					8348	8348.00	2900	13011	13011.0
90	82	3	2508	0	0	0	0	1439	2171	682	0	90					1439	1439.00	2508	8118	8118.0
91	82	4	2575	0	0	0	0	1002	1913	515	0	91					1002	1002.00	2575	5490	5490.0
92	82	5	1705	0	0	0	0	17	1893	258	7	92					17	17.00	1705	3815	3815.0
93	82	6	2784	0	0	0	0	0	1913	72	158	93					0	0.00	2784	4897	4897.0
94	82	7	2134	0	0	0	0	111	1888	22	219	94					111	111.00	2134	3934	3934.0
95	82	8	2482	0	0	0	0	17	1887	7	215	95					17	17.00	2482	4388	4388.0
96	82	9	2401	0	0	0	0	157	1801	171	47	96					157	157.00	2401	4359	4359.0
97	82	10	2042	0	0	0	0	1342	1872	435	0	97					1342	1342.00	2042	5258	5258.0
98	82	11	2401	0	0	0	0	9518	1994	825	0	98					9518	9552.25	2401	13813	13947.3
99	82	12	3318	0	0	0	0	2342	2030	901	0	99					2342	2378.25	3318	7690	7724.3
100	83	1	3550	0	0	0	0	2458	2088	741	0	100					2458	2492.25	3550	8098	8130.3
101	83	2	2946	0	0	0	0	8541	1868	588	0	101					8541	8575.25	2946	13158	13190.3
102	83	3	3016	0	0	0	0	1549	1978	528	0	102					1549	1583.25	3016	6544	6578.3
103	83	4	2401	0	0	0	0	835	1713	470	0	103					835	689.25	2401	4749	4783.3
104	83	5	2471	0	0	0	0	188	1598	242	60	104					188	220.25	2471	4253	4287.3
105	83	6	2343	0	0	0	0	41	1447	95	32	105					41	75.25	2343	3831	3885.3
106	83	7	2100	0	0	0	0	6	1307	42	155	106					6	40.25	2100	3413	3447.3
107	83	8	2158	0	0	0	0	198	1803	1	248	107					198	232.25	2158	3959	3993.3
108	83	9	2691	0	0	0	0	4212	1418	180	8	108					4212	4248.25	2691	8321	8355.3
109	83	10	2274	0	0	0	0	1412	1388	381	0	109					1412	1448.25	2274	5054	5088.3
110	83	11	2598	0	0	0	0	1983	1508	589	0	110					1983	1997.25	2598	8089	8103.3
111	83	12	3376	0	0	0	0	8554	1728	1292	0	111					8554	8588.25	3376	11858	11892.3
112	84	1	3956	0	0	0	0	5471	1881	935	0	112					5471	5505.25	3956	11308	11342.3

18:15 THURSDAY, SEPTEMBER 27, 11

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PROCESS ENERGY ANALY

OBS	YR	MON	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	COO	TIME	LBRFRC	TOTHR	MAINTHR	SUPPHR	HTGMBTU	HTGADJ	ELECADJ	MBTU	MOTUADJ
113	84	2	4130	0	0	0	0	0	4446	1690	728	0	113	.	.	.	4446	4480.25	4130	10266	10300.3
114	84	3	3619	0	0	0	0	0	1789	1751	558	0	114	.	10	.	1789	1823.25	3619	7159	7193.3
115	84	4	3445	0	0	0	0	0	1345	1765	496	0	115	.	9	.	1345	1379.25	3445	8555	8589.3
116	84	5	2946	0	0	0	0	0	581	1668	318	7	116	.	9	.	581	595.25	2946	5175	5209.3
117	84	6	2320	0	0	0	0	0	0	1568	134	55	117	.	11	.	0	34.25	2320	3888	3922.3

DESCOM Quarterly Data

QBS	YR	QUAR	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	COD	TIME	LBREFC	MAINT	SUPP	TOTHR	QTIME	HGMBTU	HGADJ	EJECADJ	MBTU	MBTUADJ
1	1	1	9	53	1022264	25598	000	6475	29521	1079	43	401	4388		495062		1	113363	113363	9	241503	241503
2	2	2	23	53	662129	32369	000	6514	32528	1255	34	402	4375		495716		2	142399	142399	9	240589	240589
3	3	3	4	53	6471	32536	000	6547	32644	192	653	403	4466		483201		3	173299	173299	9	231017	231017
4	4	4	12	53	5900	33699	000	6899	29127	1080	1074	404	4488	897	483577	348	4	5223	5223	9	231190	231190
5	5	5	76	66	14349	3139	000	6899	29127	1322	97	405	4601	753	482255	1235	5	5223	5223	9	203582	203582
6	6	6	76	66	149128	3139	000	6899	29127	1322	365	406	4446	739	471168	1210	6	158744	158744	9	203582	203582
7	7	7	76	66	64593	869	000	6261	30866	194	1013	408	4446	739	471168	1210	7	71173	71173	9	228120	228120
8	8	8	76	66	42890		000	4322	28884		1013	408	4446	739	471168	1210	8	71173	71173	9	228120	228120
9	9	9	76	66	106547	3209	000	4068	31576	1553	16	409	4483	740	412451	1129	9	56153	56153	9	289375	289375
10	10	10	77	66	45233		000	32523	32192	1844	26	410	4669	846	443701	1289	10	18373	18373	9	263358	263358
11	11	11	77	66	58849	1071	000	37311	30731	1577	776	411	4851	944	462053	1406	11	45006	45006	9	231340	231340
12	12	12	77	66	58849	1071	000	37311	30731	1577	144	412	4921	920	462053	1406	12	13710	13710	9	231340	231340
13	13	13	78	33	10580	2234	000	4098	30555	1109	26	413	4950	871	423041	1397	13	15945	15945	9	239378	239378
14	14	14	78	33	13781	4333	000	4431	34861	2187	585	414	4950	968	423041	1397	14	22377	22377	9	239378	239378
15	15	15	78	33	52281	769	000	8230	34861	162	431	415	4851	918	416493	1334	15	5152	5152	9	239378	239378
16	16	16	78	33	45129	399	000	5973	34217	958	137	416	4906	859	406663	1301	16	51108	51108	9	216637	216637
17	17	17	79	107	82294	2225	000	5973	34217	1726	434	417	4909	898	376553	1235	17	91699	91699	9	247247	247247
18	18	18	79	22	25518	2225	000	2873	38869		539	418	4860	969	393588	1362	18	190188	190188	9	353569	353569
19	19	19	79	33	579951	6612	000	9419	38972	1116	1088	420	4703	928	388771	1316	19	70055	70055	9	225146	225146
20	20	20	80	4	51741	351	000	1749	35358	1054	183	421	4703	888	365702	1253	20	59575	59575	9	225317	225317
21	21	21	80	2	792953	3368	000	2873	38972	1676	587	422	4603	882	391070	1271	21	16574	16574	9	239378	239378
22	22	22	80	4	1399557	526	000	2873	38972	1587	583	424	4588	834	370025	1204	22	59082	59082	9	239378	239378
23	23	23	80	4	42253	526	000	2873	38972	1587	583	424	4588	834	370025	1204	23	40225	40225	9	239378	239378
24	24	24	80	4	136648	526	000	2873	38972	1587	583	424	4588	834	370025	1204	24	40225	40225	9	239378	239378
25	25	25	81	35	93108	2074	000	15366	31021	195	45	425	4588	752	37587	119	25	10513	10513	9	26058	26058
26	26	26	81	1	191456	4074	000	15366	31021	1687	102	426	4588	838	37587	119	26	16818	16818	9	26058	26058
27	27	27	81	3	48595	435	000	8318	36359	97	733	427	4731	917	402568	1375	27	57352	57352	9	319397	319397
28	28	28	81	4	51371	599	000	10567	38330	191	1218	428	4703	962	413287	1375	28	62228	62228	9	249450	249450
29	29	29	82	1	128539	474	000	13966	35088	134	55	429	4741	981	413287	1375	29	13828	13828	9	249450	249450
30	30	30	82	2	175873	474	000	12913	4037	1451	66	430	4756	924	426646	1359	30	173360	173360	9	271142	271142
31	31	31	82	3	60467	197	000	8027	36423	203	602	432	4756	916	454280	1370	31	187496	187496	9	351515	351515
32	32	32	82	4	47565	197	000	8027	36423	16	1219	432	4756	847	439358	1286	32	15802	15802	9	250774	250774
33	33	33	83	1	10390	302	000	13974	3870	914	157	434	4733	772	315818	1067	33	145802	145802	9	302763	302763
34	34	34	83	1	41359	453	000	13974	3870	1746	7	434	4733	857	315818	1067	34	126508	126508	9	302763	302763
35	35	35	83	1	67178	1049	000	13974	3870	301	413	435	4733	867	301215	1168	35	178448	178448	9	302763	302763
36	36	36	83	1	34642	1135	000	13974	3870	123	435	436	4733	943	301215	1168	36	82328	82328	9	266001	266001
37	37	37	84	1	34642	1135	000	13974	3870	123	435	436	4733	943	301215	1168	37	14253	14253	9	266001	266001
38	38	38	84	2	54781	334	000	2395	28134	1270	55	437	4733	782	285286	1067	38	120243	120243	9	266001	266001
39	39	39	84	3	147333	5332	000	44817	2742	1728	11	438	4714	998	300075	1328	39	200301	200301	9	266001	266001
40	40	40	84	3	52798	787	000	13479	26072	272	554	439	4702	930	319624	1249	40	73191	73191	9	266001	266001

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O	B	Y	S	R	Q	U	A	E	N	M	H	D	C	I	T	B	L	T	O	Q	H	E	M	A	S	U	P	I	B	A	D	J	R	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	Q	U	P	I	B	A	D	J	R	H	T	G	L	E	M	B	Y	S	R	
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PROCESS ENERGY ANALYSIS - NEW CUMBERLAND AD

[illegible]

PROCESS ENERGY ANALYSIS - SHARPE AD

O B S S	Q U A R R	E L E C T R I C	A G A S	T G A S	C O P H G W	F S X S	M O A S	H D D	C I D D	T I M E	L B R F R C	T O T H R R	M A I N T E N A N C E	S U P P L Y H E A T E	H Y G M B T U	H T G M B T U	E L E C T R I C D E V I C E	M B T U
1	1	22945	3580	0	4431	0	15223	1099	98	401			284970	1	7991	7991.0	22945	48159
2	2	24894	8307	0	6877	0	3147	19151	1589	0	402		290288	2	18331	18331.0	24894	62378
3	3	23977	4112	0	2854	0	5829	14267	397	393	403	1813	310307	3	12795	12795.0	23977	51039
4	4	25346	1152	0	498	0	1078	11050	1	947	404		399235	4	2728	2728.0	25346	39122
5	5	26019	4402	0	7890	0	5890	10553	1182	36	405		378253	5	18182	18182.0	26019	54754
6	6	24523	8709	0	7039	0	6804	10687	1433	0	408		391498	6	20552	20552.0	24523	55742
7	7	23197	2067	0	2846	0	2452	9846	388	329	407	1584	437936	7	7185	7185.0	23197	38787
8	8	20938	508	0	398	0	339	8582	0	953	408		493245	8	1241	1241.0	20938	30761
9	9	22890	2649	0	4143	0	2458	8724	865	121	409		460030	9	9250	9250.0	22890	40884
10	10	24488	4984	0	8090	0	4956	8573	1322	0	410		489958	10	18030	18030.0	24488	51091
11	11	20973	2146	0	1867	0	1521	9002	141	457	411	1585	483941	11	5534	5534.0	20973	35509
12	12	20532	346	0	1035	0	726	9397	2	1125	412	1505	472168	12	2109	2109.3	20532	32048
13	13	21077	2527	0	4585	0	2557	7812	778	95	413		432859	13	9849	9849.0	21077	38538
14	14	25568	4758	0	6679	0	4883	9828	998	0	414		489186	14	18120	18120.3	25568	51314
15	15	23154	1698	0	2498	0	1820	10588	228	393	415		478084	15	5812	5812.1	23154	39554
16	16	22608	468	0	1301	0	874	10585	3	1069	416	1473	443342	16	2841	2841.4	22608	35834
17	17	24395	3477	0	4708	0	2720	9584	1144	142	417	1520	433503	17	10905	10905.9	24395	44884
18	18	25998	8487	0	7784	0	5400	10916	1251	0	418	1502	472881	18	19851	19851.5	25998	58583
19	19	22005	2028	0	1958	0	888	9846	153	501	419	1473	456052	19	4854	4854.5	22005	36705
20	20	19500	414	0	851	0	84	4895	0	1188	420	1488	439973	20	1129	1129.0	19500	25524
21	21	21831	1818	0	3459	0	2589	5944	918	104	421	1422	405118	21	7848	7848.8	21831	40317
22	22	24163	5342	0	5959	0	3181	5786	1118	0	422	1380	410594	22	14482	14482.6	24163	44431
23	23	21834	2808	0	2307	0	1585	5559	187	293	423	1389	411978	23	6888	6888.1	21834	33891
24	24	22550	555	0	457	0	75	5180	5	1025	424	1331	390893	24	1087	1087.6	22550	28842
25	25	24933	2099	0	3927	0	3110	5584	1029	128	425	1284	357120	25	9136	9136.2	24933	39613
26	26	23769	4758	0	5120	0	3525	5798	1183	0	428	1310	384802	26	13403	13403.9	23769	42970
27	27	22908	2607	0	2358	0	1468	8445	180	881	427	1348	412854	27	8431	8431.4	22908	35785
28	28	23818	384	0	492	0	111	5539	0	1052	428	1381	408258	28	987	987.0	23818	30124
29	29	25902	1898	0	3854	0	2208	6349	858	9	429	1413	408117	29	7980	7980.2	25902	40211
30	30	27897	6367	0	5811	0	4381	8457	1509	0	430	1445	431453	30	18559	18559.4	27897	50913
31	31	27489	3138	0	2822	0	1392	7289	278	268	431	1447	443752	31	7152	7152.2	27489	41910
32	32	26772	611	0	585	0	192	8044	9	895	432	1428	441779	32	1388	1388.1	26772	34184
33	33	27388	3301	0	3690	0	1063	4874	828	80	437	1459	335897	33	8054	8054.8	27388	40118
34	34	27770	4887	0	8287	0	2829	4531	1285	0	438	1444	352777	34	13983	13983.9	27770	48284
35	35	24070	1505	0	1814	0	816	3998	227	508	439	1451	348177	35	3735	3735.9	24070	31803

O	Y	Q	E	N	C	P	H	F	M	H	T	L	M	A	S	Q	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	A	I	U	S	Q	T	G	H	E	L	E	M	B	U	A	D	J	S	R	C	L	A	G	S	D	D	H	C	I	T	B	R	F	R	C	L	T	O	T	
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14:24 FRIDAY, NOVEMBER 16, 1

- TOBYHANNA AD

PROCESS ENERGY ANAL

O B S S	Y A R R	Q U A R R	E L E A C S	N A T G O C O A L	P H G W	F S X	M O Q S	H D D	C I D E	T I M E	L B R F R C	T O T H R	M A S U P I B M H R	Q T I M E	H T G M B T U	H T G M B T U	E L E C A D J	M B T U A D J	
1	1	1	51400	0	238887	64	0	5941	5921	2099	0	401	3120	1	244892	244892	51400.0	302213	302213
2	2	2	53278	0	275996	70	0	10678	6032	2839	0	402	3131	2	286744	286744	53278.0	346054	346054
3	3	3	52501	0	117323	98	0	4980	5763	740	237	403	3112	3	122402	122402	52501.0	180866	180866
4	4	4	50158	0	63043	108	0	752	5813	168	498	404	3182	4	83904	83904	50158.0	119875	119875
5	5	5	52211	0	151155	96	0	5592	4842	1843	14	405	3115	5	158843	158843	52211.0	213896	213896
6	6	6	51446	0	219659	125	0	10462	5438	2923	0	408	3140	6	230246	230246	51446.0	287128	287128
7	7	7	50193	0	77749	143	0	3018	5287	747	280	407	3110	7	80910	80910	50193.0	136390	136390
8	8	8	51052	0	48717	158	0	2581	4891	188	341	408		8	51458	51458	51052.0	107399	107399
9	9	7	53302	0	194588	147	0	7782	5264	2650	0	409	3075	9	202518	202518	53302.0	261084	261084
10	10	7	56968	0	231267	167	0	9541	5130	3360	2	410	3111	10	240975	240975	56968.0	302771	302771
11	11	7	54858	0	93675	183	0	5633	5488	783	132	411	3211	11	99491	99491	54858.0	159835	159835
12	12	7	57455	0	59411	143	0	856	5801	170	429	412	3257	12	80410	80410	57455.0	123668	123668
13	13	7	56538	0	175717	200	0	6391	4867	2248	2	413	3214	13	182308	182308	56538.0	243713	243647
14	14	7	58058	0	247193	234	0	12582	7701	3515	0	414	3334	14	280009	259908	58058.0	325768	325665
15	15	7	54381	0	126182	117	0	6257	4509	875	138	415	3514	15	192918	192918	54381.0	191428	191029
16	16	7	58858	0	47092	134	0	1532	4574	193	401	418	3578	16	48758	48717	58858.0	112190	112149
17	17	7	59859	0	176733	192	0	7169	5097	2267	0	417	3578	17	184094	183613	59859.0	248850	248369
18	18	7	62683	0	246151	134	0	15221	5820	3374	0	418	3544	18	261508	260791	62683.0	329989	329274
19	19	7	57072	0	89306	122	0	4782	4815	839	112	419	3485	19	94210	93789	57072.0	158097	155678
20	20	7	56378	0	44094	107	0	1462	3855	185	507	420	3434	20	45683	45570	56378.0	105894	105801
21	21	8	56202	0	159131	122	0	6863	4380	1888	15	421	3380	21	185916	184989	56202.0	226478	225531
22	22	8	59786	0	229235	117	0	11931	4290	3214	0	422	3367	22	241283	239670	59786.0	305359	303746
23	23	8	50008	0	96012	110	0	8447	4350	645	149	423	3402	23	104589	105769	50008.0	158927	161327
24	24	8	53928	0	35814	122	0	4183	4179	83	707	424	3333	24	40119	41319	53928.0	98226	100626
25	25	8	59404	0	181610	93	0	10200	4495	2490	3	425	3257	25	191903	193103	59404.0	255802	258202
26	26	8	84322	0	217119	78	0	13811	4416	3128	0	426	3298	26	231006	232208	84322.0	299744	302144
27	27	8	82524	0	84998	81	0	4863	4421	630	177	427	3653	27	69942	70675	82524.0	136887	138820
28	28	8	82200	0	23901	134	0	1130	4271	139	458	428	4040	28	25165	25081	82200.0	91638	92752
29	29	8	83451	0	172949	158	0	9430	3987	2296	0	429	3968	29	182535	181151	83451.0	249973	249789
30	30	8	82810	0	249688	131	0	13894	4989	3358	0	430	3933	30	238993	236989	82810.0	313063	312239
31	31	8	88560	0	70790	152	0	4198	3934	789	90	431	3934	31	75141	74677	88560.0	145635	146371
32	32	8	87362	0	19128	140	0	2868	3865	184	347	432	3868	32	22132	22032	87362.0	93359	94459
33	33	8	88324	0	168828	152	0	7819	4002	1879	8	433	3972	33	174597	173575	88324.0	246823	247101
34	34	8	73277	0	223215	129	0	11709	5297	2955	0	434	4031	34	235053	233633	73277.0	313627	313407
35	35	8	72836	0	108451	158	0	8728	4468	902	141	435	4059	35	113335	119008	72836.0	190839	197510
36	36	8	88417	0	17505	175	0	553	4219	137	585	438	4080	36	18233	24863	88417.0	90869	97098
37	37	8	72036	0	149806	191	0	9499	2886	2220	9	437	4208	37	159268	177800	72036.0	234218	252700
38	38	8	78382	0	186894	96	0	14818	3734	3188	0	438	4294	38	201908	226094	78382.0	284024	308189
39	39	8	73498	0	82298	143	0	7483	3430	774	185	439	4332	39	89922	93157	73498.0	166850	170417

PROCESS ENERGY ANALYSIS - TODELE AD

OL	QUAR	ELEC	NATGAS	COAL	PPG	HW	FSX	MOGAS	HDD	CL	ME	LBRFRG	TOTHR	MAINTHR	SUPPHR	QTIME	HTGMBTU	MBTU
1	75	1				0			1979	3	401				485558	1		
2	75	2				0			2710	0	402				439154	2		
3	75	3				0			1039	98	403				429280	3		
4	75	4				0	25705	24902	83	788	404				423816	4		
5	76	1				0	83101	21854	2178	14	405		424493	677	373207	5		
6	76	2				0	174738	24801	2860	0	406		373848	442	499436	6		
7	76	3				0	186683	25935	843	185	407		374631	531	374100	7		
8	76	4				0	19223	22368	44	755	408				379136	8	43733	170898
9	77	1				0	115378	28128	2217	3	409		290200	803	289597	9	238355	382272
10	77	2				0	157281	23413	2826	0	410		417852	570	417082	10	290583	443881
11	77	3				0	92481	26848	837	268	411		294142	885	293477	11	149252	289719
12	77	4				0	19514	31884	84	840	412		338448	878	335788	12	40141	189245
13	78	1				0	136328	23858	1787	0	413		287878	729	286947	13	198573	322047
14	78	2				0	150221	29024	2099	0	414		324492	710	323782	14	245855	378750
15	78	3				0	83728	31252	762	188	415		320074	828	319248	15	123971	260771
16	78	4				0	30937	26983	158	830	416		238508	780	237728	16	48824	85561
17	79	1				0	134897	30838	2178	0	417		259846	752	259094	17	194248	334692
18	79	2				0	183941	28522	2895	0	418		280381	780	279801	18	285720	438698
19	79	3				0	88747	25530	687	270	419		3685	738	278414	19	122887	255958
20	79	4				0	29888	22593	7	983	420		258414	689	255745	20	45081	189898
21	80	1				0	124188	23398	2103	21	421		3755	846	281256	21	144528	243985
22	80	2				0	174114	25282	2522	0	422		280799	709	280090	22	188290	294102
23	80	3				0	72918	25231	698	178	423		3598	867	288438	23		
24	80	4				0	36219	22532	87	798	424		277439	687	278752	24		
25	81	1				0	120897	22908	2048	1	425		288999	833	286368	25	128174	224521
26	81	2				0	173010	23931	2398	0	426		292728	740	291938	26	181822	284239
27	81	3				0	71478	23869	825	205	427		3598	795	320150	27	75037	177194
28	81	4				0	35332	28573	34	988	428		4077	984	351525	28	38919	144085
29	82	1				0	102132	24452	1937	2	429		4101	833	312928	29	110939	217334
30	82	2				0	182943	27686	2684	0	430		4175	847	328914	30	195457	310491
31	82	3				0	79378	28177	889	188	431		4150	871	412178	31	83135	198758
32	82	4				0	41443	24840	141	870	432		4022	884	408359	32	42593	148505
33	83	1				0	134580	26555	2375	0	433		4147	819	408359	33	145450	255723
34	83	2				0	170782	30281	2250	0	434		4208	910	300508	34	181867	297965
35	83	3				0	85752	27555	919	160	435		4123	881	325255	35	88732	204031
36	83	4				0	33897	26871	55	913	436		4000	1098	319862	36	36563	146232
37	84	1				0	737	1929	0	0	437		269402	897	268505	37	135021	246663
38	84	2				0	7250	3127	0	0	438		271802	1028	270574	38	248271	370938
39	84	3				0	233988	31455	3162	0	438		4091	982	275516	39	103574	224643
						0	98282	26869	728	214	438		4090					

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